

```
library(readr)
```

```
DiamondDataComplete <- read.csv(file.choose(), header=TRUE)  
View(DiamondDataComplete)
```

```
#install.packages('neuralnet')  
library(neuralnet)
```

```
#s <- sample(nrow(DiamondDataComplete), size=10000, #replace = FALSE, prob = NULL)  
#diamonds.subset <- DiamondDataComplete[s, ]  
#attach(diamonds.subset)
```

```
#diamonds.subset$cut = factor(diamonds.subset$cut, levels = c('Fair', 'Good', 'Ideal', 'Premium', 'Very Good'))  
#diamonds.subset$color = factor(diamonds.subset$color, levels = c('D', 'E', 'F', 'G', 'H', 'I', 'J'), labels = c('D', 'E', 'F', 'G', 'H', 'I', 'J'))  
#diamonds.subset$clarity = factor(diamonds.subset$clarity, levels = c('I1', 'IF', 'SI1', 'SI2', 'VS1', 'VS2'))
```

```
#View(diamonds.subset)  
DiamondDataComplete$cut = factor(DiamondDataComplete$cut, levels = c('Fair', 'Good', 'Ideal', 'Premium', 'Very Good'))  
DiamondDataComplete$color = factor(DiamondDataComplete$color, levels = c('D', 'E', 'F', 'G', 'H', 'I', 'J'), labels = c('D', 'E', 'F', 'G', 'H', 'I', 'J'))  
DiamondDataComplete$clarity = factor(DiamondDataComplete$clarity, levels = c('I1', 'IF', 'SI1', 'SI2', 'VS1', 'VS2'))  
View(DiamondDataComplete)
```

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.2.1 --
```

```
## v ggplot2 3.2.1    v purrr   0.3.3  
## v tibble  2.1.3    v dplyr  0.8.3  
## v tidyr   0.8.3    v stringr 1.4.0  
## v ggplot2 3.2.1    v forcats 0.4.0
```

```
## -- Conflicts ----- tidyverse_conflicts() --  
## x dplyr::compute() masks neuralnet::compute()  
## x dplyr::filter()  masks stats::filter()  
## x dplyr::lag()     masks stats::lag()
```

```
#install.packages("GGally")  
library(GGally)
```

```
## Registered S3 method overwritten by 'GGally':  
##   method from  
##   +.gg      ggplot2
```

```
##  
## Attaching package: 'GGally'
```

```
## The following object is masked from 'package:dplyr':  
##  
##   nasa
```

```
scale01 <- function(x){  
  (x - min(x)) / (max(x) - min(x))  
}
```

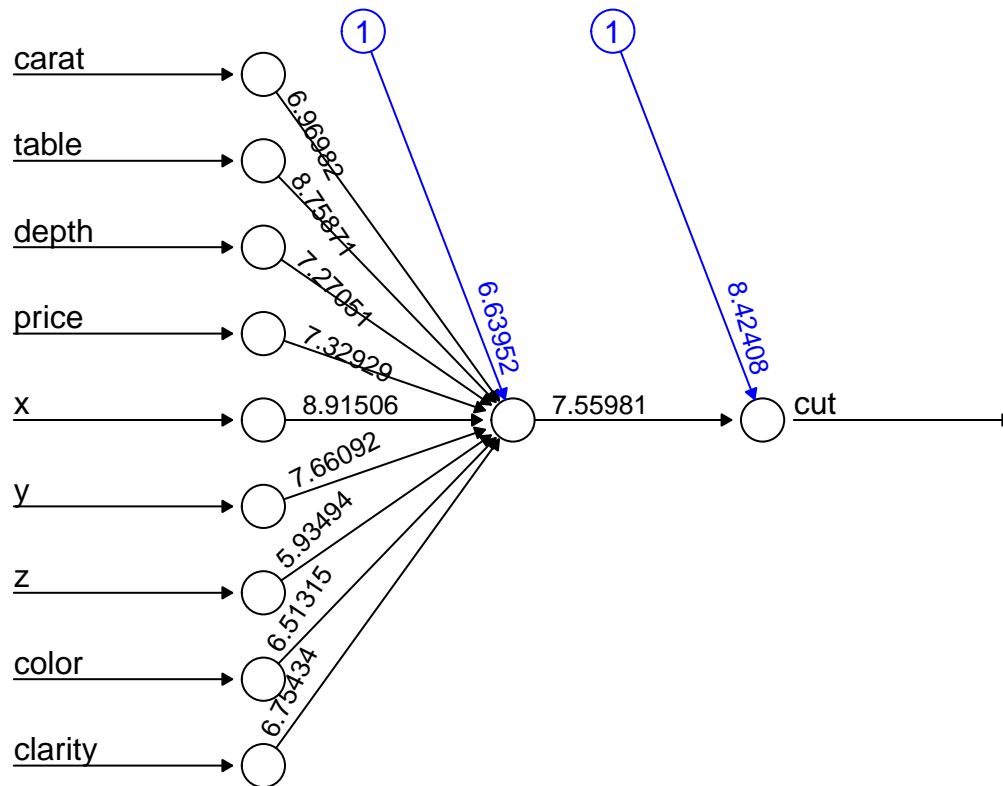
```
DiamondDataComplete_nn <- DiamondDataComplete %>%  
  mutate(carat = scale01(carat),  
         table = scale01(table),  
         depth = scale01(depth),  
         price = scale01(price),  
         x = scale01(x),  
         y = scale01(y),  
         z = scale01(z),  
         cut = as.numeric(cut) - 1,  
         color = as.numeric(color) - 1,  
         clarity = as.numeric(clarity) - 1)
```

```
View(DiamondDataComplete_nn)  
attach(DiamondDataComplete_nn)
```

```
set.seed(123)
```

```
Diamond_NN1 <- neuralnet(cut ~ carat + table + depth + price + x + y + z + color + clarity,  
                        data = DiamondDataComplete_nn,  
                        linear.output = FALSE,  
                        likelihood = TRUE)
```

```
plot(Diamond_NN1, rep = 'best')
```



Error: 86605.508873 Steps: 73

```

NN_5 <- neuralnet(cut ~ carat + table + depth + price + x + y + z + color + clarity,
  data = DiamondDataComplete_nn,
  linear.output = FALSE,
  likelihood = TRUE,
  threshold = 0.01,
  hidden = 5)

```

```

plot(NN_5)

```

```

NN_5$result.matrix

```

```

##                                [,1]
## error                        8.660551e+04
## reached.threshold           7.806843e-03
## steps                       3.100000e+01
## aic                         1.733230e+05
## bic                         1.738169e+05
## Intercept.to.1layhid1       1.069171e+00
## carat.to.1layhid1           7.790827e-01
## table.to.1layhid1           1.125589e-01
## depth.to.1layhid1           2.455313e+00
## price.to.1layhid1           1.166250e+00
## x.to.1layhid1               -1.298217e+00
## y.to.1layhid1               1.369756e+00
## z.to.1layhid1               1.956086e-01

```

```
## color.to.1layhid1      -3.994237e-01
## clarity.to.1layhid1    4.504251e-01
## Intercept.to.1layhid2 -3.576044e-01
## carat.to.1layhid2      -6.049123e-02
## table.to.1layhid2      4.336073e-02
## depth.to.1layhid2     -1.018293e+00
## price.to.1layhid2      1.506187e+00
## x.to.1layhid2          8.217731e-01
## y.to.1layhid2         -4.697369e-01
## z.to.1layhid2          1.922215e+00
## color.to.1layhid2      1.094864e+00
## clarity.to.1layhid2    3.733285e-01
## Intercept.to.1layhid3  3.895126e+00
## carat.to.1layhid3      3.878133e+00
## table.to.1layhid3      3.821581e+00
## depth.to.1layhid3      3.688640e+00
## price.to.1layhid3      3.553918e+00
## x.to.1layhid3          2.938088e+00
## y.to.1layhid3          2.694037e+00
## z.to.1layhid3          2.619529e+00
## color.to.1layhid3      2.305293e+00
## clarity.to.1layhid3    2.792083e+00
## Intercept.to.1layhid4  1.734604e+00
## carat.to.1layhid4      5.168956e+00
## table.to.1layhid4      4.207962e+00
## depth.to.1layhid4      1.876891e+00
## price.to.1layhid4      2.597115e+00
## x.to.1layhid4          2.533345e+00
## y.to.1layhid4          3.779965e+00
## z.to.1layhid4          2.916631e+00
## color.to.1layhid4      3.253319e+00
## clarity.to.1layhid4    2.971453e+00
## Intercept.to.1layhid5  2.957130e+00
## carat.to.1layhid5      4.368602e+00
## table.to.1layhid5      2.774229e+00
## depth.to.1layhid5      4.516471e+00
## price.to.1layhid5      1.451247e+00
## x.to.1layhid5          3.584614e+00
## y.to.1layhid5          3.123854e+00
## z.to.1layhid5          3.215942e+00
## color.to.1layhid5      3.379639e+00
## clarity.to.1layhid5    2.497677e+00
## Intercept.to.cut       2.666793e+00
## 1layhid1.to.cut        1.981425e+00
## 1layhid2.to.cut        1.928209e+00
## 1layhid3.to.cut        3.303529e+00
## 1layhid4.to.cut        3.448210e+00
## 1layhid5.to.cut        3.053004e+00
```

#Testing the resulting output

```
library(dplyr)
```

```
testing <- subset(DiamondDataComplete_nn, select = c("carat","table","depth","price","x","y","z","color"
```

```
head(testing)
```

```
##      carat      table      depth      price      x      y      z
## 1 0.11226611 0.2884615 0.4666667 0.17029789 0.5493482 0.1867925 0.11132075
## 2 0.10810811 0.3076923 0.5166667 0.12520949 0.5353818 0.1817610 0.11163522
## 3 0.03326403 0.1923077 0.5250000 0.03411364 0.4255121 0.1446541 0.08930818
## 4 0.02286902 0.2884615 0.5000000 0.02194951 0.4087523 0.1361635 0.08364780
## 5 0.16632017 0.3653846 0.4472222 0.17916419 0.6052142 0.2034591 0.12044025
## 6 0.06237006 0.3461538 0.5111111 0.04573715 0.4785847 0.1600629 0.09874214
##   color clarity
## 1     0       5
## 2     4       4
## 3     0       7
## 4     5       6
## 5     4       3
## 6     2       3
```

```
nn_results <- neuralnet::compute(NN_5, testing)
```

```
results <- data.frame(actual = DiamondDataComplete_nn$cut, prediction = nn_results$net.result)
results
```

```
##      actual prediction
## 1         4 0.9999999
## 2         2 0.9999999
## 3         2 0.9999999
## 4         3 0.9999999
## 5         3 0.9999999
## 6         3 0.9999999
## 7         0 0.9999999
## 8         3 0.9999999
## 9         1 0.9999999
## 10        2 0.9999999
## 11        2 0.9999999
## 12        4 0.9999999
## 13        3 0.9999999
## 14        4 0.9999999
## 15        4 0.9999999
## 16        3 0.9999999
## 17        2 0.9999999
## 18        0 0.9999999
## 19        3 0.9999999
## 20        2 0.9999999
## 21        4 0.9999999
## 22        2 0.9999999
## 23        4 0.9999999
## 24        2 0.9999999
## 25        2 0.9999999
## 26        4 0.9999999
## 27        1 0.9999999
## 28        4 0.9999999
## 29        4 0.9999999
```

## 30	3	0.9999999
## 31	2	0.9999999
## 32	4	0.9999999
## 33	2	0.9999999
## 34	3	0.9999999
## 35	2	0.9999999
## 36	2	0.9999999
## 37	2	0.9999999
## 38	2	0.9999999
## 39	3	0.9999999
## 40	4	0.9999999
## 41	2	0.9999999
## 42	2	0.9999999
## 43	2	0.9999999
## 44	2	0.9999999
## 45	2	0.9999999
## 46	3	0.9999999
## 47	4	0.9999999
## 48	1	0.9999999
## 49	2	0.9999999
## 50	1	0.9999999
## 51	3	0.9999999
## 52	4	0.9999999
## 53	0	0.9999999
## 54	1	0.9999999
## 55	1	0.9999999
## 56	4	0.9999999
## 57	3	0.9999999
## 58	2	0.9999999
## 59	2	0.9999999
## 60	2	0.9999999
## 61	2	0.9999999
## 62	3	0.9999999
## 63	4	0.9999999
## 64	2	0.9999999
## 65	2	0.9999999
## 66	4	0.9999999
## 67	4	0.9999999
## 68	4	0.9999999
## 69	3	0.9999999
## 70	2	0.9999999
## 71	2	0.9999998
## 72	4	0.9999999
## 73	4	0.9999999
## 74	4	0.9999999
## 75	2	0.9999999
## 76	3	0.9999999
## 77	4	0.9999999
## 78	2	0.9999999
## 79	2	0.9999999
## 80	2	0.9999999
## 81	4	0.9999999
## 82	4	0.9999999
## 83	1	0.9999999

## 84	3	0.9999999
## 85	2	0.9999999
## 86	2	0.9999999
## 87	1	0.9999999
## 88	2	0.9999999
## 89	3	0.9999999
## 90	2	0.9999999
## 91	2	0.9999999
## 92	2	0.9999999
## 93	4	0.9999999
## 94	4	0.9999999
## 95	3	0.9999999
## 96	2	0.9999999
## 97	2	0.9999999
## 98	2	0.9999999
## 99	4	0.9999999
## 100	2	0.9999999
## 101	3	0.9999998
## 102	2	0.9999999
## 103	2	0.9999999
## 104	4	0.9999999
## 105	2	0.9999999
## 106	3	0.9999999
## 107	2	0.9999999
## 108	1	0.9999999
## 109	2	0.9999999
## 110	4	0.9999999
## 111	4	0.9999999
## 112	3	0.9999999
## 113	3	0.9999999
## 114	2	0.9999998
## 115	2	0.9999999
## 116	2	0.9999999
## 117	2	0.9999998
## 118	2	0.9999999
## 119	2	0.9999999
## 120	2	0.9999999
## 121	4	0.9999999
## 122	2	0.9999999
## 123	0	0.9999999
## 124	2	0.9999999
## 125	4	0.9999999
## 126	4	0.9999999
## 127	4	0.9999999
## 128	2	0.9999999
## 129	3	0.9999999
## 130	2	0.9999999
## 131	0	0.9999999
## 132	2	0.9999999
## 133	1	0.9999999
## 134	2	0.9999999
## 135	3	0.9999999
## 136	3	0.9999999
## 137	2	0.9999999

## 138	2	0.9999999
## 139	2	0.9999999
## 140	2	0.9999999
## 141	2	0.9999999
## 142	2	0.9999999
## 143	4	0.9999999
## 144	2	0.9999999
## 145	2	0.9999999
## 146	2	0.9999999
## 147	2	0.9999999
## 148	2	0.9999999
## 149	3	0.9999999
## 150	4	0.9999999
## 151	1	0.9999999
## 152	4	0.9999999
## 153	2	0.9999999
## 154	2	0.9999999
## 155	3	0.9999999
## 156	1	0.9999999
## 157	2	0.9999999
## 158	4	0.9999999
## 159	1	0.9999999
## 160	3	0.9999999
## 161	2	0.9999999
## 162	2	0.9999999
## 163	4	0.9999999
## 164	3	0.9999999
## 165	2	0.9999999
## 166	4	0.9999999
## 167	3	0.9999999
## 168	2	0.9999999
## 169	1	0.9999999
## 170	4	0.9999998
## 171	1	0.9999999
## 172	2	0.9999999
## 173	2	0.9999999
## 174	4	0.9999999
## 175	4	0.9999999
## 176	4	0.9999999
## 177	4	0.9999999
## 178	4	0.9999999
## 179	2	0.9999999
## 180	2	0.9999999
## 181	3	0.9999999
## 182	4	0.9999999
## 183	2	0.9999999
## 184	3	0.9999999
## 185	2	0.9999999
## 186	4	0.9999999
## 187	2	0.9999999
## 188	2	0.9999999
## 189	2	0.9999998
## 190	3	0.9999999
## 191	3	0.9999999

## 192	3	0.9999999
## 193	4	0.9999999
## 194	4	0.9999999
## 195	2	0.9999999
## 196	3	0.9999999
## 197	3	0.9999999
## 198	2	0.9999999
## 199	2	0.9999999
## 200	3	0.9999999
## 201	2	0.9999999
## 202	2	0.9999999
## 203	4	0.9999999
## 204	2	0.9999999
## 205	2	0.9999999
## 206	2	0.9999999
## 207	4	0.9999999
## 208	2	0.9999999
## 209	1	0.9999999
## 210	3	0.9999999
## 211	3	0.9999999
## 212	4	0.9999999
## 213	2	0.9999999
## 214	3	0.9999999
## 215	2	0.9999999
## 216	3	0.9999999
## 217	1	0.9999999
## 218	0	0.9999999
## 219	3	0.9999999
## 220	2	0.9999999
## 221	2	0.9999999
## 222	4	0.9999998
## 223	4	0.9999999
## 224	3	0.9999999
## 225	2	0.9999999
## 226	2	0.9999999
## 227	2	0.9999999
## 228	2	0.9999999
## 229	0	0.9999999
## 230	4	0.9999999
## 231	1	0.9999999
## 232	3	0.9999999
## 233	1	0.9999999
## 234	3	0.9999998
## 235	2	0.9999999
## 236	3	0.9999999
## 237	2	0.9999999
## 238	1	0.9999999
## 239	2	0.9999999
## 240	3	0.9999999
## 241	4	0.9999999
## 242	2	0.9999998
## 243	3	0.9999999
## 244	1	0.9999999
## 245	0	0.9999999

## 246	2	0.9999999
## 247	3	0.9999999
## 248	1	0.9999999
## 249	2	0.9999999
## 250	4	0.9999999
## 251	2	0.9999999
## 252	2	0.9999999
## 253	4	0.9999999
## 254	0	0.9999998
## 255	2	0.9999999
## 256	2	0.9999998
## 257	2	0.9999998
## 258	2	0.9999999
## 259	4	0.9999999
## 260	2	0.9999999
## 261	3	0.9999999
## 262	2	0.9999999
## 263	3	0.9999999
## 264	4	0.9999999
## 265	2	0.9999999
## 266	4	0.9999999
## 267	2	0.9999999
## 268	4	0.9999999
## 269	3	0.9999999
## 270	2	0.9999999
## 271	4	0.9999999
## 272	4	0.9999999
## 273	2	0.9999999
## 274	3	0.9999999
## 275	3	0.9999999
## 276	0	0.9999999
## 277	4	0.9999999
## 278	3	0.9999999
## 279	4	0.9999999
## 280	2	0.9999999
## 281	4	0.9999999
## 282	2	0.9999999
## 283	4	0.9999999
## 284	3	0.9999999
## 285	4	0.9999999
## 286	4	0.9999999
## 287	2	0.9999998
## 288	2	0.9999999
## 289	2	0.9999999
## 290	3	0.9999999
## 291	2	0.9999999
## 292	2	0.9999998
## 293	2	0.9999999
## 294	3	0.9999998
## 295	3	0.9999999
## 296	4	0.9999999
## 297	3	0.9999999
## 298	4	0.9999999
## 299	3	0.9999998

## 300	4	0.9999999
## 301	2	0.9999999
## 302	2	0.9999999
## 303	4	0.9999999
## 304	2	0.9999999
## 305	2	0.9999999
## 306	1	0.9999999
## 307	4	0.9999999
## 308	3	0.9999999
## 309	3	0.9999999
## 310	4	0.9999999
## 311	3	0.9999999
## 312	2	0.9999999
## 313	3	0.9999999
## 314	4	0.9999999
## 315	3	0.9999999
## 316	3	0.9999999
## 317	3	0.9999999
## 318	3	0.9999999
## 319	1	0.9999999
## 320	2	0.9999999
## 321	2	0.9999999
## 322	4	0.9999999
## 323	1	0.9999999
## 324	2	0.9999999
## 325	3	0.9999999
## 326	3	0.9999999
## 327	2	0.9999999
## 328	4	0.9999999
## 329	3	0.9999999
## 330	1	0.9999999
## 331	1	0.9999999
## 332	2	0.9999999
## 333	4	0.9999999
## 334	2	0.9999999
## 335	2	0.9999999
## 336	2	0.9999999
## 337	3	0.9999999
## 338	3	0.9999999
## 339	3	0.9999998
## 340	2	0.9999999
## 341	2	0.9999999
## 342	2	0.9999999
## 343	4	0.9999999
## 344	0	0.9999999
## 345	3	0.9999999
## 346	3	0.9999999
## 347	3	0.9999999
## 348	3	0.9999999
## 349	2	0.9999999
## 350	4	0.9999998
## 351	2	0.9999999
## 352	3	0.9999998
## 353	1	0.9999999

## 354	2	0.9999999
## 355	4	0.9999999
## 356	1	0.9999999
## 357	3	0.9999999
## 358	2	0.9999999
## 359	2	0.9999999
## 360	1	0.9999999
## 361	1	0.9999999
## 362	4	0.9999999
## 363	2	0.9999999
## 364	3	0.9999999
## 365	2	0.9999999
## 366	2	0.9999999
## 367	1	0.9999999
## 368	2	0.9999999
## 369	2	0.9999999
## 370	4	0.9999999
## 371	2	0.9999999
## 372	4	0.9999999
## 373	0	0.9999999
## 374	3	0.9999999
## 375	2	0.9999999
## 376	3	0.9999999
## 377	3	0.9999999
## 378	4	0.9999999
## 379	4	0.9999999
## 380	0	0.9999999
## 381	2	0.9999999
## 382	4	0.9999999
## 383	2	0.9999999
## 384	3	0.9999999
## 385	4	0.9999999
## 386	2	0.9999998
## 387	2	0.9999999
## 388	2	0.9999999
## 389	4	0.9999999
## 390	2	0.9999999
## 391	4	0.9999998
## 392	2	0.9999998
## 393	3	0.9999999
## 394	2	0.9999999
## 395	2	0.9999999
## 396	3	0.9999999
## 397	2	0.9999999
## 398	4	0.9999999
## 399	2	0.9999999
## 400	3	0.9999999
## 401	4	0.9999999
## 402	2	0.9999998
## 403	2	0.9999999
## 404	4	0.9999999
## 405	3	0.9999999
## 406	3	0.9999999
## 407	2	0.9999999

## 408	2	0.9999999
## 409	3	0.9999999
## 410	3	0.9999999
## 411	2	0.9999999
## 412	2	0.9999999
## 413	3	0.9999999
## 414	2	0.9999999
## 415	3	0.9999999
## 416	2	0.9999999
## 417	2	0.9999999
## 418	2	0.9999999
## 419	4	0.9999999
## 420	4	0.9999999
## 421	3	0.9999999
## 422	3	0.9999999
## 423	2	0.9999999
## 424	3	0.9999999
## 425	3	0.9999998
## 426	2	0.9999999
## 427	4	0.9999999
## 428	4	0.9999999
## 429	2	0.9999999
## 430	1	0.9999999
## 431	2	0.9999999
## 432	4	0.9999999
## 433	2	0.9999999
## 434	1	0.9999999
## 435	2	0.9999999
## 436	2	0.9999999
## 437	3	0.9999999
## 438	4	0.9999998
## 439	2	0.9999999
## 440	3	0.9999999
## 441	1	0.9999999
## 442	3	0.9999999
## 443	4	0.9999998
## 444	2	0.9999999
## 445	4	0.9999999
## 446	4	0.9999999
## 447	4	0.9999999
## 448	4	0.9999999
## 449	4	0.9999999
## 450	2	0.9999999
## 451	2	0.9999999
## 452	2	0.9999999
## 453	4	0.9999999
## 454	2	0.9999999
## 455	3	0.9999999
## 456	2	0.9999999
## 457	3	0.9999999
## 458	2	0.9999999
## 459	2	0.9999999
## 460	3	0.9999999
## 461	2	0.9999999

## 462	2	0.9999999
## 463	2	0.9999999
## 464	2	0.9999999
## 465	3	0.9999999
## 466	3	0.9999999
## 467	3	0.9999999
## 468	4	0.9999999
## 469	4	0.9999999
## 470	2	0.9999999
## 471	0	0.9999999
## 472	4	0.9999999
## 473	3	0.9999999
## 474	2	0.9999999
## 475	4	0.9999999
## 476	4	0.9999999
## 477	3	0.9999999
## 478	2	0.9999999
## 479	4	0.9999999
## 480	2	0.9999999
## 481	2	0.9999999
## 482	1	0.9999999
## 483	2	0.9999999
## 484	3	0.9999999
## 485	3	0.9999999
## 486	4	0.9999999
## 487	2	0.9999999
## 488	0	0.9999999
## 489	3	0.9999999
## 490	4	0.9999999
## 491	3	0.9999999
## 492	0	0.9999999
## 493	4	0.9999999
## 494	3	0.9999999
## 495	3	0.9999999
## 496	3	0.9999999
## 497	2	0.9999999
## 498	4	0.9999999
## 499	2	0.9999999
## 500	2	0.9999999
## 501	2	0.9999999
## 502	4	0.9999999
## 503	4	0.9999999
## 504	4	0.9999999
## 505	3	0.9999999
## 506	0	0.9999999
## 507	4	0.9999999
## 508	2	0.9999999
## 509	3	0.9999999
## 510	3	0.9999999
## 511	2	0.9999999
## 512	2	0.9999999
## 513	2	0.9999999
## 514	4	0.9999999
## 515	3	0.9999999

## 516	2	0.9999999
## 517	1	0.9999999
## 518	2	0.9999998
## 519	2	0.9999999
## 520	1	0.9999999
## 521	0	0.9999999
## 522	2	0.9999999
## 523	2	0.9999999
## 524	3	0.9999999
## 525	2	0.9999998
## 526	2	0.9999999
## 527	2	0.9999999
## 528	3	0.9999999
## 529	1	0.9999999
## 530	2	0.9999999
## 531	2	0.9999999
## 532	2	0.9999999
## 533	3	0.9999999
## 534	2	0.9999999
## 535	1	0.9999999
## 536	2	0.9999999
## 537	4	0.9999999
## 538	3	0.9999999
## 539	4	0.9999999
## 540	0	0.9999999
## 541	4	0.9999999
## 542	3	0.9999999
## 543	3	0.9999999
## 544	0	0.9999999
## 545	2	0.9999999
## 546	2	0.9999999
## 547	2	0.9999999
## 548	2	0.9999999
## 549	2	0.9999999
## 550	1	0.9999999
## 551	2	0.9999999
## 552	3	0.9999999
## 553	2	0.9999999
## 554	3	0.9999999
## 555	2	0.9999999
## 556	2	0.9999999
## 557	4	0.9999999
## 558	2	0.9999999
## 559	3	0.9999999
## 560	2	0.9999999
## 561	2	0.9999999
## 562	1	0.9999999
## 563	3	0.9999999
## 564	1	0.9999999
## 565	2	0.9999999
## 566	2	0.9999999
## 567	3	0.9999999
## 568	2	0.9999999
## 569	3	0.9999999

## 570	2	0.9999999
## 571	2	0.9999999
## 572	2	0.9999999
## 573	1	0.9999999
## 574	1	0.9999999
## 575	4	0.9999999
## 576	3	0.9999999
## 577	3	0.9999998
## 578	2	0.9999999
## 579	2	0.9999999
## 580	4	0.9999998
## 581	2	0.9999999
## 582	2	0.9999999
## 583	3	0.9999999
## 584	0	0.9999999
## 585	4	0.9999999
## 586	2	0.9999999
## 587	2	0.9999999
## 588	3	0.9999999
## 589	2	0.9999999
## 590	3	0.9999999
## 591	2	0.9999999
## 592	2	0.9999999
## 593	4	0.9999999
## 594	2	0.9999998
## 595	2	0.9999999
## 596	0	0.9999999
## 597	4	0.9999999
## 598	3	0.9999999
## 599	3	0.9999999
## 600	2	0.9999999
## 601	2	0.9999999
## 602	2	0.9999999
## 603	2	0.9999999
## 604	0	0.9999999
## 605	1	0.9999999
## 606	4	0.9999999
## 607	2	0.9999999
## 608	2	0.9999999
## 609	3	0.9999999
## 610	1	0.9999999
## 611	4	0.9999999
## 612	2	0.9999999
## 613	3	0.9999999
## 614	3	0.9999999
## 615	2	0.9999999
## 616	3	0.9999999
## 617	3	0.9999999
## 618	0	0.9999999
## 619	2	0.9999999
## 620	2	0.9999999
## 621	2	0.9999999
## 622	2	0.9999999
## 623	2	0.9999999

## 624	2	0.9999999
## 625	3	0.9999999
## 626	3	0.9999999
## 627	4	0.9999999
## 628	4	0.9999999
## 629	4	0.9999999
## 630	2	0.9999999
## 631	4	0.9999998
## 632	0	0.9999999
## 633	1	0.9999999
## 634	2	0.9999999
## 635	1	0.9999999
## 636	2	0.9999999
## 637	2	0.9999999
## 638	3	0.9999999
## 639	3	0.9999999
## 640	4	0.9999999
## 641	2	0.9999999
## 642	2	0.9999999
## 643	2	0.9999999
## 644	0	0.9999999
## 645	4	0.9999999
## 646	2	0.9999999
## 647	2	0.9999999
## 648	3	0.9999999
## 649	4	0.9999999
## 650	0	0.9999999
## 651	1	0.9999999
## 652	2	0.9999999
## 653	2	0.9999999
## 654	2	0.9999999
## 655	2	0.9999999
## 656	2	0.9999999
## 657	0	0.9999999
## 658	1	0.9999999
## 659	2	0.9999999
## 660	2	0.9999999
## 661	4	0.9999999
## 662	4	0.9999999
## 663	2	0.9999999
## 664	1	0.9999999
## 665	2	0.9999999
## 666	4	0.9999999
## 667	4	0.9999999
## 668	2	0.9999999
## 669	1	0.9999998
## 670	3	0.9999999
## 671	2	0.9999999
## 672	3	0.9999999
## 673	0	0.9999999
## 674	4	0.9999999
## 675	4	0.9999999
## 676	0	0.9999999
## 677	3	0.9999999

## 678	4	0.9999999
## 679	4	0.9999999
## 680	3	0.9999999
## 681	2	0.9999999
## 682	2	0.9999999
## 683	4	0.9999999
## 684	3	0.9999999
## 685	2	0.9999999
## 686	2	0.9999999
## 687	4	0.9999999
## 688	2	0.9999999
## 689	2	0.9999999
## 690	2	0.9999999
## 691	3	0.9999999
## 692	4	0.9999999
## 693	3	0.9999999
## 694	3	0.9999999
## 695	2	0.9999999
## 696	4	0.9999999
## 697	4	0.9999999
## 698	2	0.9999999
## 699	2	0.9999999
## 700	4	0.9999999
## 701	2	0.9999999
## 702	3	0.9999999
## 703	2	0.9999999
## 704	4	0.9999999
## 705	1	0.9999999
## 706	2	0.9999999
## 707	4	0.9999998
## 708	2	0.9999999
## 709	1	0.9999999
## 710	3	0.9999999
## 711	4	0.9999999
## 712	4	0.9999999
## 713	3	0.9999999
## 714	4	0.9999999
## 715	2	0.9999999
## 716	4	0.9999999
## 717	2	0.9999999
## 718	2	0.9999999
## 719	2	0.9999999
## 720	2	0.9999999
## 721	2	0.9999999
## 722	3	0.9999999
## 723	4	0.9999999
## 724	2	0.9999999
## 725	2	0.9999999
## 726	2	0.9999999
## 727	0	0.9999999
## 728	1	0.9999999
## 729	3	0.9999999
## 730	2	0.9999999
## 731	4	0.9999999

## 732	3	0.9999999
## 733	2	0.9999999
## 734	3	0.9999999
## 735	2	0.9999999
## 736	2	0.9999999
## 737	4	0.9999999
## 738	2	0.9999999
## 739	4	0.9999999
## 740	3	0.9999999
## 741	2	0.9999999
## 742	4	0.9999999
## 743	4	0.9999998
## 744	3	0.9999999
## 745	2	0.9999999
## 746	2	0.9999999
## 747	3	0.9999999
## 748	4	0.9999999
## 749	4	0.9999999
## 750	3	0.9999999
## 751	1	0.9999999
## 752	2	0.9999999
## 753	3	0.9999999
## 754	2	0.9999999
## 755	2	0.9999999
## 756	2	0.9999999
## 757	2	0.9999999
## 758	3	0.9999999
## 759	4	0.9999999
## 760	4	0.9999999
## 761	4	0.9999999
## 762	1	0.9999999
## 763	3	0.9999999
## 764	2	0.9999999
## 765	2	0.9999999
## 766	4	0.9999999
## 767	2	0.9999999
## 768	1	0.9999999
## 769	3	0.9999999
## 770	4	0.9999999
## 771	3	0.9999999
## 772	4	0.9999999
## 773	2	0.9999999
## 774	2	0.9999999
## 775	3	0.9999999
## 776	2	0.9999999
## 777	3	0.9999999
## 778	3	0.9999999
## 779	4	0.9999999
## 780	2	0.9999999
## 781	2	0.9999999
## 782	3	0.9999999
## 783	1	0.9999998
## 784	1	0.9999998
## 785	4	0.9999999

## 786	3	0.9999999
## 787	2	0.9999998
## 788	1	0.9999999
## 789	1	0.9999999
## 790	3	0.9999999
## 791	4	0.9999999
## 792	1	0.9999999
## 793	3	0.9999999
## 794	2	0.9999998
## 795	3	0.9999999
## 796	4	0.9999999
## 797	3	0.9999999
## 798	2	0.9999999
## 799	2	0.9999999
## 800	2	0.9999999
## 801	4	0.9999999
## 802	3	0.9999999
## 803	2	0.9999999
## 804	2	0.9999999
## 805	4	0.9999999
## 806	3	0.9999999
## 807	4	0.9999999
## 808	2	0.9999999
## 809	2	0.9999999
## 810	4	0.9999999
## 811	3	0.9999999
## 812	1	0.9999999
## 813	2	0.9999999
## 814	2	0.9999999
## 815	0	0.9999999
## 816	4	0.9999999
## 817	3	0.9999999
## 818	3	0.9999999
## 819	3	0.9999999
## 820	2	0.9999999
## 821	4	0.9999999
## 822	3	0.9999999
## 823	0	0.9999999
## 824	3	0.9999998
## 825	4	0.9999999
## 826	3	0.9999999
## 827	2	0.9999999
## 828	4	0.9999999
## 829	4	0.9999999
## 830	1	0.9999999
## 831	2	0.9999999
## 832	2	0.9999999
## 833	3	0.9999999
## 834	2	0.9999999
## 835	2	0.9999999
## 836	4	0.9999999
## 837	1	0.9999999
## 838	3	0.9999999
## 839	3	0.9999999

## 840	4	0.9999999
## 841	2	0.9999999
## 842	3	0.9999999
## 843	4	0.9999999
## 844	4	0.9999999
## 845	2	0.9999999
## 846	4	0.9999999
## 847	1	0.9999998
## 848	1	0.9999999
## 849	4	0.9999999
## 850	2	0.9999999
## 851	2	0.9999999
## 852	2	0.9999999
## 853	2	0.9999999
## 854	2	0.9999999
## 855	2	0.9999999
## 856	2	0.9999999
## 857	3	0.9999999
## 858	2	0.9999999
## 859	3	0.9999999
## 860	2	0.9999999
## 861	2	0.9999999
## 862	2	0.9999999
## 863	3	0.9999999
## 864	3	0.9999999
## 865	4	0.9999999
## 866	2	0.9999999
## 867	1	0.9999999
## 868	2	0.9999999
## 869	1	0.9999999
## 870	3	0.9999999
## 871	2	0.9999999
## 872	2	0.9999999
## 873	2	0.9999999
## 874	3	0.9999999
## 875	2	0.9999999
## 876	2	0.9999999
## 877	3	0.9999999
## 878	2	0.9999999
## 879	1	0.9999999
## 880	2	0.9999999
## 881	1	0.9999999
## 882	1	0.9999999
## 883	2	0.9999999
## 884	4	0.9999999
## 885	3	0.9999999
## 886	3	0.9999999
## 887	2	0.9999999
## 888	3	0.9999999
## 889	3	0.9999999
## 890	4	0.9999999
## 891	1	0.9999999
## 892	2	0.9999999
## 893	0	0.9999999

## 894	2	0.9999999
## 895	2	0.9999999
## 896	3	0.9999999
## 897	2	0.9999999
## 898	3	0.9999999
## 899	2	0.9999999
## 900	2	0.9999999
## 901	2	0.9999999
## 902	4	0.9999999
## 903	4	0.9999999
## 904	2	0.9999999
## 905	2	0.9999999
## 906	2	0.9999999
## 907	2	0.9999999
## 908	3	0.9999999
## 909	2	0.9999999
## 910	4	0.9999999
## 911	3	0.9999999
## 912	3	0.9999999
## 913	2	0.9999999
## 914	3	0.9999999
## 915	2	0.9999999
## 916	2	0.9999999
## 917	3	0.9999999
## 918	2	0.9999999
## 919	4	0.9999999
## 920	3	0.9999999
## 921	1	0.9999999
## 922	4	0.9999999
## 923	4	0.9999999
## 924	4	0.9999999
## 925	2	0.9999999
## 926	3	0.9999999
## 927	4	0.9999999
## 928	1	0.9999999
## 929	2	0.9999999
## 930	0	0.9999998
## 931	3	0.9999999
## 932	2	0.9999999
## 933	0	0.9999999
## 934	3	0.9999999
## 935	2	0.9999999
## 936	3	0.9999999
## 937	2	0.9999999
## 938	2	0.9999998
## 939	4	0.9999999
## 940	4	0.9999999
## 941	4	0.9999999
## 942	4	0.9999998
## 943	3	0.9999999
## 944	2	0.9999999
## 945	3	0.9999999
## 946	3	0.9999999
## 947	3	0.9999999

## 948	4	0.9999999
## 949	2	0.9999999
## 950	4	0.9999999
## 951	4	0.9999999
## 952	2	0.9999999
## 953	3	0.9999999
## 954	0	0.9999999
## 955	2	0.9999999
## 956	2	0.9999999
## 957	1	0.9999999
## 958	2	0.9999999
## 959	4	0.9999999
## 960	3	0.9999999
## 961	3	0.9999999
## 962	2	0.9999999
## 963	2	0.9999999
## 964	2	0.9999999
## 965	4	0.9999999
## 966	4	0.9999999
## 967	4	0.9999999
## 968	3	0.9999999
## 969	3	0.9999999
## 970	4	0.9999999
## 971	2	0.9999998
## 972	3	0.9999999
## 973	2	0.9999999
## 974	2	0.9999999
## 975	3	0.9999998
## 976	1	0.9999999
## 977	4	0.9999999
## 978	4	0.9999999
## 979	2	0.9999999
## 980	2	0.9999999
## 981	2	0.9999999
## 982	2	0.9999999
## 983	2	0.9999999
## 984	2	0.9999999
## 985	3	0.9999999
## 986	2	0.9999999
## 987	4	0.9999999
## 988	3	0.9999999
## 989	2	0.9999999
## 990	2	0.9999999
## 991	2	0.9999999
## 992	2	0.9999998
## 993	2	0.9999999
## 994	2	0.9999999
## 995	3	0.9999999
## 996	0	0.9999999
## 997	3	0.9999999
## 998	2	0.9999999
## 999	2	0.9999999
## 1000	4	0.9999999
## 1001	1	0.9999999

## 1002	2	0.9999999
## 1003	1	0.9999999
## 1004	3	0.9999999
## 1005	4	0.9999999
## 1006	2	0.9999999
## 1007	3	0.9999999
## 1008	4	0.9999999
## 1009	1	0.9999999
## 1010	2	0.9999999
## 1011	3	0.9999999
## 1012	3	0.9999999
## 1013	2	0.9999998
## 1014	4	0.9999999
## 1015	4	0.9999999
## 1016	2	0.9999998
## 1017	2	0.9999999
## 1018	2	0.9999999
## 1019	1	0.9999999
## 1020	4	0.9999999
## 1021	4	0.9999999
## 1022	4	0.9999999
## 1023	2	0.9999999
## 1024	2	0.9999999
## 1025	1	0.9999999
## 1026	4	0.9999999
## 1027	4	0.9999999
## 1028	2	0.9999999
## 1029	2	0.9999999
## 1030	2	0.9999999
## 1031	4	0.9999999
## 1032	4	0.9999999
## 1033	0	0.9999999
## 1034	2	0.9999999
## 1035	2	0.9999999
## 1036	3	0.9999999
## 1037	3	0.9999999
## 1038	1	0.9999999
## 1039	4	0.9999999
## 1040	2	0.9999999
## 1041	4	0.9999999
## 1042	2	0.9999999
## 1043	4	0.9999999
## 1044	3	0.9999999
## 1045	3	0.9999999
## 1046	4	0.9999999
## 1047	3	0.9999999
## 1048	4	0.9999999
## 1049	2	0.9999999
## 1050	4	0.9999999
## 1051	4	0.9999999
## 1052	2	0.9999999
## 1053	2	0.9999999
## 1054	3	0.9999999
## 1055	2	0.9999999

## 1056	4	0.9999999
## 1057	2	0.9999999
## 1058	3	0.9999999
## 1059	2	0.9999999
## 1060	2	0.9999999
## 1061	4	0.9999999
## 1062	4	0.9999999
## 1063	4	0.9999999
## 1064	2	0.9999999
## 1065	2	0.9999999
## 1066	3	0.9999999
## 1067	4	0.9999999
## 1068	2	0.9999998
## 1069	3	0.9999999
## 1070	2	0.9999999
## 1071	4	0.9999999
## 1072	2	0.9999999
## 1073	3	0.9999999
## 1074	2	0.9999999
## 1075	2	0.9999999
## 1076	4	0.9999999
## 1077	2	0.9999999
## 1078	3	0.9999999
## 1079	3	0.9999999
## 1080	2	0.9999999
## 1081	3	0.9999999
## 1082	3	0.9999999
## 1083	3	0.9999999
## 1084	2	0.9999999
## 1085	2	0.9999999
## 1086	2	0.9999999
## 1087	2	0.9999999
## 1088	4	0.9999999
## 1089	2	0.9999999
## 1090	2	0.9999999
## 1091	3	0.9999999
## 1092	0	0.9999999
## 1093	1	0.9999999
## 1094	1	0.9999999
## 1095	3	0.9999999
## 1096	3	0.9999998
## 1097	4	0.9999999
## 1098	2	0.9999999
## 1099	2	0.9999999
## 1100	1	0.9999999
## 1101	2	0.9999999
## 1102	2	0.9999999
## 1103	2	0.9999999
## 1104	2	0.9999999
## 1105	3	0.9999999
## 1106	3	0.9999999
## 1107	1	0.9999999
## 1108	3	0.9999999
## 1109	3	0.9999999

## 1110	2	0.9999999
## 1111	0	0.9999999
## 1112	2	0.9999999
## 1113	4	0.9999999
## 1114	2	0.9999999
## 1115	0	0.9999999
## 1116	2	0.9999999
## 1117	4	0.9999999
## 1118	2	0.9999999
## 1119	4	0.9999999
## 1120	2	0.9999999
## 1121	4	0.9999999
## 1122	3	0.9999999
## 1123	2	0.9999999
## 1124	2	0.9999999
## 1125	2	0.9999999
## 1126	3	0.9999999
## 1127	4	0.9999999
## 1128	4	0.9999999
## 1129	3	0.9999999
## 1130	2	0.9999999
## 1131	2	0.9999999
## 1132	2	0.9999999
## 1133	2	0.9999999
## 1134	1	0.9999999
## 1135	4	0.9999999
## 1136	4	0.9999999
## 1137	2	0.9999999
## 1138	2	0.9999999
## 1139	2	0.9999999
## 1140	4	0.9999999
## 1141	4	0.9999999
## 1142	3	0.9999999
## 1143	3	0.9999999
## 1144	2	0.9999998
## 1145	3	0.9999999
## 1146	3	0.9999999
## 1147	2	0.9999999
## 1148	1	0.9999999
## 1149	2	0.9999999
## 1150	4	0.9999999
## 1151	2	0.9999999
## 1152	3	0.9999999
## 1153	1	0.9999999
## 1154	3	0.9999999
## 1155	2	0.9999999
## 1156	2	0.9999999
## 1157	3	0.9999999
## 1158	1	0.9999999
## 1159	2	0.9999999
## 1160	3	0.9999999
## 1161	2	0.9999999
## 1162	4	0.9999999
## 1163	2	0.9999999

## 1164	2	0.9999999
## 1165	2	0.9999999
## 1166	3	0.9999999
## 1167	2	0.9999999
## 1168	4	0.9999999
## 1169	1	0.9999999
## 1170	3	0.9999999
## 1171	2	0.9999999
## 1172	3	0.9999999
## 1173	2	0.9999999
## 1174	2	0.9999999
## 1175	2	0.9999999
## 1176	2	0.9999999
## 1177	3	0.9999999
## 1178	2	0.9999999
## 1179	2	0.9999999
## 1180	3	0.9999999
## 1181	4	0.9999999
## 1182	2	0.9999999
## 1183	3	0.9999999
## 1184	3	0.9999999
## 1185	1	0.9999999
## 1186	3	0.9999999
## 1187	3	0.9999999
## 1188	3	0.9999999
## 1189	2	0.9999999
## 1190	2	0.9999999
## 1191	2	0.9999999
## 1192	2	0.9999999
## 1193	2	0.9999999
## 1194	2	0.9999998
## 1195	2	0.9999999
## 1196	2	0.9999999
## 1197	2	0.9999999
## 1198	1	0.9999999
## 1199	3	0.9999999
## 1200	2	0.9999999
## 1201	3	0.9999999
## 1202	2	0.9999999
## 1203	4	0.9999999
## 1204	2	0.9999999
## 1205	1	0.9999998
## 1206	2	0.9999999
## 1207	1	0.9999999
## 1208	4	0.9999999
## 1209	3	0.9999999
## 1210	2	0.9999999
## 1211	2	0.9999999
## 1212	2	0.9999999
## 1213	2	0.9999999
## 1214	1	0.9999998
## 1215	4	0.9999999
## 1216	1	0.9999999
## 1217	4	0.9999999

## 1218	2	0.9999999
## 1219	2	0.9999999
## 1220	1	0.9999999
## 1221	2	0.9999999
## 1222	2	0.9999999
## 1223	2	0.9999999
## 1224	2	0.9999999
## 1225	3	0.9999999
## 1226	2	0.9999999
## 1227	3	0.9999999
## 1228	2	0.9999999
## 1229	2	0.9999999
## 1230	4	0.9999998
## 1231	3	0.9999999
## 1232	2	0.9999999
## 1233	2	0.9999999
## 1234	2	0.9999999
## 1235	1	0.9999998
## 1236	4	0.9999999
## 1237	1	0.9999999
## 1238	1	0.9999999
## 1239	4	0.9999999
## 1240	2	0.9999999
## 1241	2	0.9999998
## 1242	2	0.9999999
## 1243	2	0.9999999
## 1244	3	0.9999999
## 1245	2	0.9999999
## 1246	4	0.9999999
## 1247	2	0.9999999
## 1248	1	0.9999999
## 1249	4	0.9999999
## 1250	3	0.9999999
## 1251	2	0.9999999
## 1252	3	0.9999999
## 1253	4	0.9999999
## 1254	2	0.9999999
## 1255	2	0.9999999
## 1256	2	0.9999999
## 1257	3	0.9999999
## 1258	3	0.9999999
## 1259	4	0.9999999
## 1260	2	0.9999999
## 1261	4	0.9999999
## 1262	2	0.9999999
## 1263	2	0.9999999
## 1264	3	0.9999999
## 1265	3	0.9999999
## 1266	2	0.9999999
## 1267	2	0.9999999
## 1268	4	0.9999999
## 1269	2	0.9999999
## 1270	2	0.9999999
## 1271	2	0.9999999

## 1272	3	0.9999999
## 1273	4	0.9999999
## 1274	3	0.9999999
## 1275	2	0.9999999
## 1276	2	0.9999999
## 1277	2	0.9999999
## 1278	3	0.9999999
## 1279	2	0.9999999
## 1280	3	0.9999999
## 1281	3	0.9999999
## 1282	2	0.9999999
## 1283	3	0.9999999
## 1284	3	0.9999999
## 1285	4	0.9999999
## 1286	3	0.9999999
## 1287	4	0.9999999
## 1288	3	0.9999999
## 1289	0	0.9999999
## 1290	2	0.9999999
## 1291	2	0.9999999
## 1292	2	0.9999999
## 1293	2	0.9999999
## 1294	2	0.9999999
## 1295	3	0.9999999
## 1296	4	0.9999999
## 1297	3	0.9999999
## 1298	2	0.9999999
## 1299	3	0.9999999
## 1300	2	0.9999999
## 1301	2	0.9999999
## 1302	2	0.9999999
## 1303	3	0.9999999
## 1304	2	0.9999999
## 1305	3	0.9999999
## 1306	2	0.9999999
## 1307	2	0.9999999
## 1308	2	0.9999999
## 1309	2	0.9999999
## 1310	2	0.9999999
## 1311	2	0.9999999
## 1312	2	0.9999999
## 1313	3	0.9999999
## 1314	3	0.9999999
## 1315	2	0.9999999
## 1316	3	0.9999999
## 1317	4	0.9999999
## 1318	4	0.9999999
## 1319	2	0.9999999
## 1320	4	0.9999999
## 1321	2	0.9999999
## 1322	3	0.9999998
## 1323	4	0.9999999
## 1324	1	0.9999998
## 1325	0	0.9999999

## 1326	2	0.9999999
## 1327	4	0.9999999
## 1328	2	0.9999999
## 1329	4	0.9999999
## 1330	4	0.9999999
## 1331	3	0.9999999
## 1332	2	0.9999999
## 1333	4	0.9999999
## 1334	2	0.9999999
## 1335	2	0.9999999
## 1336	3	0.9999999
## 1337	2	0.9999999
## 1338	4	0.9999999
## 1339	3	0.9999999
## 1340	4	0.9999999
## 1341	4	0.9999999
## 1342	2	0.9999999
## 1343	2	0.9999999
## 1344	2	0.9999999
## 1345	4	0.9999999
## 1346	3	0.9999999
## 1347	3	0.9999999
## 1348	2	0.9999999
## 1349	3	0.9999999
## 1350	3	0.9999999
## 1351	2	0.9999999
## 1352	2	0.9999999
## 1353	4	0.9999999
## 1354	2	0.9999999
## 1355	4	0.9999999
## 1356	2	0.9999999
## 1357	4	0.9999999
## 1358	3	0.9999999
## 1359	2	0.9999999
## 1360	3	0.9999998
## 1361	4	0.9999999
## 1362	2	0.9999999
## 1363	1	0.9999999
## 1364	4	0.9999999
## 1365	2	0.9999999
## 1366	4	0.9999999
## 1367	4	0.9999999
## 1368	4	0.9999999
## 1369	2	0.9999999
## 1370	4	0.9999999
## 1371	2	0.9999999
## 1372	2	0.9999999
## 1373	3	0.9999999
## 1374	4	0.9999998
## 1375	4	0.9999999
## 1376	3	0.9999999
## 1377	3	0.9999999
## 1378	4	0.9999999
## 1379	2	0.9999998

## 1380	4	0.9999999
## 1381	2	0.9999999
## 1382	3	0.9999999
## 1383	2	0.9999999
## 1384	4	0.9999999
## 1385	2	0.9999999
## 1386	3	0.9999999
## 1387	3	0.9999999
## 1388	4	0.9999999
## 1389	2	0.9999999
## 1390	3	0.9999999
## 1391	3	0.9999999
## 1392	1	0.9999999
## 1393	2	0.9999999
## 1394	2	0.9999999
## 1395	4	0.9999999
## 1396	4	0.9999999
## 1397	3	0.9999999
## 1398	2	0.9999999
## 1399	1	0.9999999
## 1400	3	0.9999999
## 1401	2	0.9999999
## 1402	3	0.9999999
## 1403	2	0.9999998
## 1404	2	0.9999999
## 1405	2	0.9999999
## 1406	3	0.9999999
## 1407	4	0.9999999
## 1408	2	0.9999999
## 1409	2	0.9999999
## 1410	2	0.9999999
## 1411	2	0.9999999
## 1412	1	0.9999999
## 1413	4	0.9999999
## 1414	2	0.9999999
## 1415	2	0.9999999
## 1416	2	0.9999999
## 1417	2	0.9999999
## 1418	2	0.9999999
## 1419	3	0.9999999
## 1420	3	0.9999999
## 1421	3	0.9999999
## 1422	1	0.9999999
## 1423	2	0.9999999
## 1424	3	0.9999999
## 1425	3	0.9999999
## 1426	2	0.9999999
## 1427	4	0.9999999
## 1428	2	0.9999999
## 1429	1	0.9999999
## 1430	2	0.9999999
## 1431	2	0.9999999
## 1432	3	0.9999999
## 1433	4	0.9999999

## 1434	3	0.9999999
## 1435	2	0.9999999
## 1436	3	0.9999999
## 1437	4	0.9999999
## 1438	4	0.9999999
## 1439	2	0.9999999
## 1440	4	0.9999999
## 1441	2	0.9999999
## 1442	3	0.9999999
## 1443	2	0.9999999
## 1444	1	0.9999998
## 1445	3	0.9999999
## 1446	2	0.9999999
## 1447	2	0.9999999
## 1448	2	0.9999999
## 1449	1	0.9999999
## 1450	3	0.9999999
## 1451	3	0.9999999
## 1452	3	0.9999999
## 1453	2	0.9999999
## 1454	4	0.9999999
## 1455	2	0.9999999
## 1456	3	0.9999998
## 1457	4	0.9999999
## 1458	2	0.9999999
## 1459	3	0.9999999
## 1460	2	0.9999999
## 1461	2	0.9999999
## 1462	3	0.9999999
## 1463	2	0.9999998
## 1464	2	0.9999999
## 1465	2	0.9999999
## 1466	3	0.9999999
## 1467	2	0.9999999
## 1468	3	0.9999999
## 1469	2	0.9999999
## 1470	3	0.9999999
## 1471	2	0.9999999
## 1472	2	0.9999998
## 1473	3	0.9999999
## 1474	4	0.9999999
## 1475	2	0.9999999
## 1476	4	0.9999999
## 1477	4	0.9999999
## 1478	4	0.9999999
## 1479	3	0.9999999
## 1480	2	0.9999999
## 1481	2	0.9999999
## 1482	2	0.9999999
## 1483	2	0.9999999
## 1484	3	0.9999999
## 1485	3	0.9999999
## 1486	2	0.9999999
## 1487	2	0.9999999

## 1488	1	0.9999999
## 1489	2	0.9999999
## 1490	4	0.9999999
## 1491	2	0.9999999
## 1492	0	0.9999999
## 1493	1	0.9999999
## 1494	3	0.9999999
## 1495	1	0.9999999
## 1496	2	0.9999999
## 1497	4	0.9999999
## 1498	3	0.9999999
## 1499	3	0.9999999
## 1500	2	0.9999999
## 1501	1	0.9999999
## 1502	1	0.9999999
## 1503	2	0.9999999
## 1504	2	0.9999999
## 1505	3	0.9999999
## 1506	2	0.9999999
## 1507	3	0.9999999
## 1508	3	0.9999999
## 1509	4	0.9999999
## 1510	4	0.9999999
## 1511	4	0.9999999
## 1512	3	0.9999999
## 1513	0	0.9999998
## 1514	2	0.9999999
## 1515	4	0.9999999
## 1516	3	0.9999999
## 1517	4	0.9999998
## 1518	2	0.9999998
## 1519	2	0.9999999
## 1520	2	0.9999999
## 1521	1	0.9999999
## 1522	2	0.9999999
## 1523	2	0.9999999
## 1524	3	0.9999999
## 1525	2	0.9999999
## 1526	4	0.9999999
## 1527	2	0.9999999
## 1528	4	0.9999999
## 1529	4	0.9999999
## 1530	4	0.9999999
## 1531	4	0.9999999
## 1532	3	0.9999999
## 1533	3	0.9999999
## 1534	2	0.9999999
## 1535	4	0.9999999
## 1536	3	0.9999998
## 1537	2	0.9999999
## 1538	3	0.9999999
## 1539	3	0.9999999
## 1540	4	0.9999999
## 1541	2	0.9999999

## 1542	4	0.9999999
## 1543	3	0.9999999
## 1544	4	0.9999999
## 1545	4	0.9999999
## 1546	3	0.9999999
## 1547	3	0.9999999
## 1548	3	0.9999999
## 1549	4	0.9999999
## 1550	2	0.9999999
## 1551	4	0.9999999
## 1552	2	0.9999999
## 1553	2	0.9999999
## 1554	2	0.9999999
## 1555	2	0.9999999
## 1556	2	0.9999999
## 1557	2	0.9999999
## 1558	4	0.9999999
## 1559	2	0.9999999
## 1560	2	0.9999999
## 1561	2	0.9999999
## 1562	2	0.9999999
## 1563	2	0.9999999
## 1564	3	0.9999999
## 1565	2	0.9999999
## 1566	4	0.9999999
## 1567	4	0.9999999
## 1568	2	0.9999999
## 1569	2	0.9999999
## 1570	2	0.9999999
## 1571	3	0.9999999
## 1572	2	0.9999999
## 1573	3	0.9999999
## 1574	3	0.9999999
## 1575	3	0.9999999
## 1576	4	0.9999999
## 1577	1	0.9999999
## 1578	3	0.9999999
## 1579	2	0.9999999
## 1580	4	0.9999999
## 1581	4	0.9999999
## 1582	2	0.9999999
## 1583	3	0.9999999
## 1584	3	0.9999999
## 1585	4	0.9999999
## 1586	2	0.9999999
## 1587	2	0.9999999
## 1588	2	0.9999999
## 1589	4	0.9999999
## 1590	2	0.9999999
## 1591	3	0.9999999
## 1592	2	0.9999999
## 1593	2	0.9999999
## 1594	2	0.9999999
## 1595	2	0.9999998

## 1596	3	0.9999999
## 1597	2	0.9999999
## 1598	2	0.9999999
## 1599	4	0.9999999
## 1600	2	0.9999999
## 1601	4	0.9999999
## 1602	3	0.9999999
## 1603	4	0.9999999
## 1604	4	0.9999999
## 1605	4	0.9999999
## 1606	3	0.9999999
## 1607	2	0.9999999
## 1608	3	0.9999999
## 1609	2	0.9999999
## 1610	3	0.9999999
## 1611	4	0.9999999
## 1612	0	0.9999999
## 1613	2	0.9999999
## 1614	4	0.9999999
## 1615	1	0.9999999
## 1616	3	0.9999999
## 1617	3	0.9999999
## 1618	2	0.9999999
## 1619	2	0.9999999
## 1620	2	0.9999999
## 1621	4	0.9999999
## 1622	2	0.9999999
## 1623	3	0.9999999
## 1624	4	0.9999999
## 1625	4	0.9999999
## 1626	2	0.9999998
## 1627	2	0.9999999
## 1628	1	0.9999999
## 1629	1	0.9999999
## 1630	3	0.9999999
## 1631	1	0.9999999
## 1632	2	0.9999999
## 1633	4	0.9999999
## 1634	0	0.9999999
## 1635	2	0.9999999
## 1636	3	0.9999999
## 1637	3	0.9999999
## 1638	4	0.9999999
## 1639	4	0.9999999
## 1640	3	0.9999999
## 1641	4	0.9999999
## 1642	1	0.9999999
## 1643	4	0.9999999
## 1644	3	0.9999999
## 1645	4	0.9999999
## 1646	2	0.9999999
## 1647	2	0.9999999
## 1648	4	0.9999999
## 1649	4	0.9999999

## 1650	3	0.9999999
## 1651	2	0.9999998
## 1652	4	0.9999999
## 1653	3	0.9999999
## 1654	2	0.9999999
## 1655	4	0.9999999
## 1656	2	0.9999999
## 1657	3	0.9999999
## 1658	3	0.9999999
## 1659	2	0.9999999
## 1660	3	0.9999999
## 1661	4	0.9999999
## 1662	2	0.9999999
## 1663	4	0.9999999
## 1664	2	0.9999999
## 1665	2	0.9999999
## 1666	0	0.9999999
## 1667	4	0.9999999
## 1668	4	0.9999999
## 1669	3	0.9999999
## 1670	4	0.9999999
## 1671	2	0.9999999
## 1672	3	0.9999999
## 1673	2	0.9999999
## 1674	2	0.9999999
## 1675	3	0.9999999
## 1676	1	0.9999999
## 1677	3	0.9999999
## 1678	3	0.9999999
## 1679	2	0.9999999
## 1680	3	0.9999999
## 1681	0	0.9999998
## 1682	3	0.9999999
## 1683	3	0.9999999
## 1684	0	0.9999999
## 1685	4	0.9999999
## 1686	3	0.9999999
## 1687	4	0.9999999
## 1688	3	0.9999999
## 1689	2	0.9999999
## 1690	3	0.9999999
## 1691	3	0.9999999
## 1692	2	0.9999998
## 1693	4	0.9999998
## 1694	2	0.9999999
## 1695	2	0.9999999
## 1696	3	0.9999998
## 1697	1	0.9999999
## 1698	3	0.9999999
## 1699	0	0.9999998
## 1700	3	0.9999999
## 1701	2	0.9999999
## 1702	3	0.9999999
## 1703	2	0.9999999

## 1704	4	0.9999999
## 1705	1	0.9999999
## 1706	4	0.9999999
## 1707	3	0.9999999
## 1708	4	0.9999999
## 1709	4	0.9999998
## 1710	4	0.9999999
## 1711	2	0.9999999
## 1712	2	0.9999999
## 1713	2	0.9999999
## 1714	2	0.9999999
## 1715	2	0.9999999
## 1716	4	0.9999999
## 1717	2	0.9999999
## 1718	3	0.9999999
## 1719	4	0.9999999
## 1720	2	0.9999999
## 1721	1	0.9999998
## 1722	1	0.9999999
## 1723	2	0.9999999
## 1724	1	0.9999999
## 1725	2	0.9999999
## 1726	3	0.9999999
## 1727	3	0.9999999
## 1728	1	0.9999999
## 1729	0	0.9999999
## 1730	4	0.9999999
## 1731	4	0.9999999
## 1732	2	0.9999999
## 1733	4	0.9999999
## 1734	4	0.9999999
## 1735	2	0.9999999
## 1736	3	0.9999999
## 1737	4	0.9999999
## 1738	1	0.9999999
## 1739	4	0.9999999
## 1740	2	0.9999999
## 1741	3	0.9999999
## 1742	3	0.9999999
## 1743	4	0.9999999
## 1744	2	0.9999999
## 1745	2	0.9999999
## 1746	4	0.9999999
## 1747	2	0.9999999
## 1748	3	0.9999999
## 1749	2	0.9999999
## 1750	2	0.9999999
## 1751	1	0.9999999
## 1752	2	0.9999999
## 1753	3	0.9999999
## 1754	4	0.9999999
## 1755	2	0.9999999
## 1756	4	0.9999999
## 1757	2	0.9999999

## 1758	4	0.9999999
## 1759	3	0.9999999
## 1760	4	0.9999999
## 1761	2	0.9999999
## 1762	1	0.9999999
## 1763	0	0.9999998
## 1764	2	0.9999999
## 1765	2	0.9999999
## 1766	2	0.9999999
## 1767	4	0.9999999
## 1768	3	0.9999999
## 1769	3	0.9999999
## 1770	1	0.9999999
## 1771	4	0.9999999
## 1772	4	0.9999999
## 1773	2	0.9999999
## 1774	2	0.9999998
## 1775	2	0.9999999
## 1776	2	0.9999999
## 1777	0	0.9999999
## 1778	3	0.9999999
## 1779	3	0.9999999
## 1780	2	0.9999999
## 1781	1	0.9999999
## 1782	4	0.9999999
## 1783	2	0.9999999
## 1784	2	0.9999999
## 1785	2	0.9999999
## 1786	0	0.9999998
## 1787	3	0.9999998
## 1788	2	0.9999999
## 1789	1	0.9999999
## 1790	3	0.9999999
## 1791	3	0.9999999
## 1792	2	0.9999999
## 1793	3	0.9999999
## 1794	4	0.9999999
## 1795	0	0.9999998
## 1796	3	0.9999999
## 1797	3	0.9999998
## 1798	4	0.9999999
## 1799	2	0.9999999
## 1800	2	0.9999998
## 1801	2	0.9999999
## 1802	4	0.9999999
## 1803	2	0.9999999
## 1804	2	0.9999999
## 1805	2	0.9999999
## 1806	3	0.9999999
## 1807	3	0.9999999
## 1808	2	0.9999999
## 1809	2	0.9999999
## 1810	2	0.9999999
## 1811	2	0.9999999

## 1812	4	0.9999999
## 1813	1	0.9999999
## 1814	4	0.9999998
## 1815	3	0.9999999
## 1816	2	0.9999999
## 1817	2	0.9999999
## 1818	2	0.9999999
## 1819	3	0.9999999
## 1820	1	0.9999999
## 1821	2	0.9999999
## 1822	3	0.9999999
## 1823	2	0.9999998
## 1824	4	0.9999999
## 1825	2	0.9999999
## 1826	3	0.9999999
## 1827	1	0.9999999
## 1828	4	0.9999999
## 1829	3	0.9999999
## 1830	2	0.9999998
## 1831	2	0.9999998
## 1832	2	0.9999999
## 1833	3	0.9999998
## 1834	2	0.9999999
## 1835	4	0.9999998
## 1836	1	0.9999999
## 1837	4	0.9999999
## 1838	1	0.9999999
## 1839	3	0.9999999
## 1840	3	0.9999999
## 1841	3	0.9999999
## 1842	4	0.9999999
## 1843	2	0.9999999
## 1844	2	0.9999998
## 1845	2	0.9999999
## 1846	1	0.9999999
## 1847	2	0.9999999
## 1848	0	0.9999999
## 1849	2	0.9999999
## 1850	1	0.9999999
## 1851	4	0.9999998
## 1852	2	0.9999998
## 1853	4	0.9999999
## 1854	2	0.9999999
## 1855	2	0.9999999
## 1856	2	0.9999999
## 1857	4	0.9999999
## 1858	2	0.9999999
## 1859	3	0.9999999
## 1860	2	0.9999999
## 1861	2	0.9999998
## 1862	3	0.9999999
## 1863	3	0.9999999
## 1864	3	0.9999999
## 1865	2	0.9999999

## 1866	2	0.9999999
## 1867	4	0.9999999
## 1868	3	0.9999999
## 1869	1	0.9999999
## 1870	4	0.9999999
## 1871	2	0.9999999
## 1872	4	0.9999999
## 1873	2	0.9999999
## 1874	2	0.9999999
## 1875	2	0.9999999
## 1876	2	0.9999999
## 1877	4	0.9999999
## 1878	4	0.9999999
## 1879	2	0.9999999
## 1880	4	0.9999999
## 1881	3	0.9999999
## 1882	3	0.9999999
## 1883	2	0.9999999
## 1884	3	0.9999999
## 1885	1	0.9999999
## 1886	2	0.9999999
## 1887	0	0.9999999
## 1888	2	0.9999999
## 1889	2	0.9999999
## 1890	2	0.9999999
## 1891	2	0.9999999
## 1892	3	0.9999999
## 1893	1	0.9999999
## 1894	1	0.9999999
## 1895	2	0.9999999
## 1896	4	0.9999999
## 1897	4	0.9999999
## 1898	2	0.9999999
## 1899	2	0.9999999
## 1900	1	0.9999999
## 1901	1	0.9999998
## 1902	4	0.9999999
## 1903	2	0.9999999
## 1904	3	0.9999999
## 1905	2	0.9999999
## 1906	4	0.9999999
## 1907	1	0.9999999
## 1908	3	0.9999999
## 1909	1	0.9999999
## 1910	2	0.9999999
## 1911	4	0.9999999
## 1912	3	0.9999999
## 1913	3	0.9999999
## 1914	3	0.9999999
## 1915	3	0.9999999
## 1916	4	0.9999999
## 1917	4	0.9999999
## 1918	3	0.9999999
## 1919	1	0.9999999

## 1920	4	0.9999999
## 1921	4	0.9999998
## 1922	3	0.9999999
## 1923	3	0.9999999
## 1924	4	0.9999999
## 1925	2	0.9999999
## 1926	2	0.9999999
## 1927	4	0.9999999
## 1928	2	0.9999999
## 1929	1	0.9999999
## 1930	4	0.9999999
## 1931	4	0.9999999
## 1932	4	0.9999998
## 1933	2	0.9999999
## 1934	3	0.9999999
## 1935	3	0.9999999
## 1936	2	0.9999999
## 1937	1	0.9999999
## 1938	4	0.9999999
## 1939	2	0.9999999
## 1940	2	0.9999999
## 1941	3	0.9999999
## 1942	3	0.9999999
## 1943	2	0.9999999
## 1944	2	0.9999999
## 1945	1	0.9999999
## 1946	4	0.9999999
## 1947	2	0.9999999
## 1948	1	0.9999999
## 1949	2	0.9999999
## 1950	3	0.9999999
## 1951	3	0.9999999
## 1952	4	0.9999999
## 1953	3	0.9999999
## 1954	0	0.9999999
## 1955	2	0.9999999
## 1956	2	0.9999999
## 1957	2	0.9999999
## 1958	3	0.9999999
## 1959	3	0.9999999
## 1960	2	0.9999999
## 1961	2	0.9999999
## 1962	3	0.9999999
## 1963	2	0.9999998
## 1964	4	0.9999999
## 1965	3	0.9999999
## 1966	4	0.9999999
## 1967	3	0.9999999
## 1968	3	0.9999999
## 1969	2	0.9999999
## 1970	3	0.9999999
## 1971	2	0.9999999
## 1972	2	0.9999999
## 1973	2	0.9999999

## 1974	3	0.9999999
## 1975	1	0.9999999
## 1976	4	0.9999999
## 1977	2	0.9999999
## 1978	2	0.9999999
## 1979	2	0.9999999
## 1980	4	0.9999999
## 1981	2	0.9999999
## 1982	1	0.9999999
## 1983	2	0.9999999
## 1984	3	0.9999999
## 1985	1	0.9999999
## 1986	2	0.9999999
## 1987	2	0.9999999
## 1988	3	0.9999999
## 1989	1	0.9999999
## 1990	3	0.9999999
## 1991	1	0.9999999
## 1992	2	0.9999999
## 1993	2	0.9999999
## 1994	2	0.9999999
## 1995	2	0.9999999
## 1996	2	0.9999999
## 1997	2	0.9999999
## 1998	4	0.9999999
## 1999	2	0.9999999
## 2000	2	0.9999999
## 2001	4	0.9999999
## 2002	1	0.9999999
## 2003	2	0.9999999
## 2004	3	0.9999999
## 2005	3	0.9999999
## 2006	1	0.9999998
## 2007	4	0.9999999
## 2008	2	0.9999999
## 2009	4	0.9999999
## 2010	2	0.9999999
## 2011	2	0.9999999
## 2012	1	0.9999999
## 2013	2	0.9999999
## 2014	2	0.9999999
## 2015	2	0.9999999
## 2016	2	0.9999999
## 2017	2	0.9999999
## 2018	3	0.9999999
## 2019	4	0.9999998
## 2020	2	0.9999999
## 2021	2	0.9999999
## 2022	2	0.9999999
## 2023	3	0.9999999
## 2024	2	0.9999999
## 2025	2	0.9999999
## 2026	4	0.9999999
## 2027	3	0.9999999

## 2028	2	0.9999999
## 2029	2	0.9999999
## 2030	2	0.9999999
## 2031	2	0.9999998
## 2032	4	0.9999999
## 2033	2	0.9999999
## 2034	3	0.9999999
## 2035	2	0.9999999
## 2036	2	0.9999999
## 2037	2	0.9999999
## 2038	3	0.9999999
## 2039	2	0.9999999
## 2040	4	0.9999999
## 2041	3	0.9999999
## 2042	2	0.9999999
## 2043	0	0.9999999
## 2044	3	0.9999999
## 2045	2	0.9999999
## 2046	3	0.9999999
## 2047	2	0.9999998
## 2048	4	0.9999999
## 2049	2	0.9999999
## 2050	2	0.9999999
## 2051	2	0.9999999
## 2052	2	0.9999999
## 2053	2	0.9999999
## 2054	2	0.9999999
## 2055	3	0.9999999
## 2056	3	0.9999999
## 2057	2	0.9999999
## 2058	3	0.9999999
## 2059	1	0.9999999
## 2060	2	0.9999999
## 2061	4	0.9999999
## 2062	3	0.9999999
## 2063	4	0.9999999
## 2064	2	0.9999999
## 2065	4	0.9999999
## 2066	2	0.9999999
## 2067	3	0.9999999
## 2068	2	0.9999999
## 2069	3	0.9999999
## 2070	4	0.9999999
## 2071	4	0.9999999
## 2072	3	0.9999999
## 2073	3	0.9999999
## 2074	2	0.9999999
## 2075	3	0.9999999
## 2076	2	0.9999999
## 2077	0	0.9999999
## 2078	2	0.9999999
## 2079	2	0.9999999
## 2080	1	0.9999999
## 2081	2	0.9999999

## 2082	2	0.9999999
## 2083	3	0.9999999
## 2084	2	0.9999999
## 2085	1	0.9999999
## 2086	2	0.9999999
## 2087	3	0.9999999
## 2088	1	0.9999999
## 2089	4	0.9999999
## 2090	2	0.9999999
## 2091	2	0.9999999
## 2092	4	0.9999998
## 2093	4	0.9999999
## 2094	4	0.9999999
## 2095	3	0.9999999
## 2096	3	0.9999999
## 2097	2	0.9999999
## 2098	4	0.9999999
## 2099	4	0.9999999
## 2100	3	0.9999998
## 2101	2	0.9999999
## 2102	2	0.9999999
## 2103	2	0.9999999
## 2104	2	0.9999999
## 2105	2	0.9999999
## 2106	3	0.9999999
## 2107	4	0.9999999
## 2108	4	0.9999999
## 2109	3	0.9999999
## 2110	1	0.9999999
## 2111	4	0.9999999
## 2112	2	0.9999999
## 2113	2	0.9999999
## 2114	2	0.9999999
## 2115	2	0.9999999
## 2116	4	0.9999999
## 2117	4	0.9999998
## 2118	1	0.9999999
## 2119	2	0.9999999
## 2120	3	0.9999999
## 2121	4	0.9999999
## 2122	4	0.9999999
## 2123	2	0.9999999
## 2124	3	0.9999999
## 2125	4	0.9999999
## 2126	3	0.9999999
## 2127	3	0.9999999
## 2128	2	0.9999999
## 2129	4	0.9999999
## 2130	1	0.9999999
## 2131	3	0.9999998
## 2132	2	0.9999999
## 2133	3	0.9999999
## 2134	2	0.9999999
## 2135	0	0.9999999

## 2136	4	0.9999999
## 2137	2	0.9999999
## 2138	2	0.9999999
## 2139	3	0.9999999
## 2140	2	0.9999999
## 2141	0	0.9999999
## 2142	2	0.9999999
## 2143	3	0.9999999
## 2144	2	0.9999998
## 2145	3	0.9999999
## 2146	2	0.9999999
## 2147	2	0.9999999
## 2148	4	0.9999999
## 2149	3	0.9999999
## 2150	3	0.9999999
## 2151	2	0.9999999
## 2152	2	0.9999999
## 2153	2	0.9999999
## 2154	2	0.9999999
## 2155	3	0.9999999
## 2156	2	0.9999999
## 2157	3	0.9999998
## 2158	4	0.9999999
## 2159	2	0.9999999
## 2160	4	0.9999999
## 2161	1	0.9999999
## 2162	0	0.9999999
## 2163	3	0.9999999
## 2164	2	0.9999999
## 2165	2	0.9999999
## 2166	2	0.9999999
## 2167	2	0.9999999
## 2168	2	0.9999999
## 2169	2	0.9999999
## 2170	3	0.9999999
## 2171	2	0.9999999
## 2172	2	0.9999999
## 2173	4	0.9999999
## 2174	2	0.9999999
## 2175	4	0.9999999
## 2176	2	0.9999999
## 2177	2	0.9999999
## 2178	0	0.9999999
## 2179	4	0.9999999
## 2180	1	0.9999999
## 2181	3	0.9999999
## 2182	2	0.9999999
## 2183	2	0.9999999
## 2184	2	0.9999999
## 2185	4	0.9999999
## 2186	2	0.9999999
## 2187	3	0.9999999
## 2188	3	0.9999999
## 2189	3	0.9999999

## 2190	2	0.9999999
## 2191	2	0.9999999
## 2192	1	0.9999998
## 2193	4	0.9999999
## 2194	0	0.9999999
## 2195	1	0.9999999
## 2196	4	0.9999999
## 2197	3	0.9999999
## 2198	2	0.9999999
## 2199	2	0.9999999
## 2200	2	0.9999999
## 2201	2	0.9999999
## 2202	2	0.9999999
## 2203	3	0.9999999
## 2204	2	0.9999999
## 2205	2	0.9999999
## 2206	2	0.9999999
## 2207	2	0.9999999
## 2208	2	0.9999999
## 2209	4	0.9999999
## 2210	3	0.9999999
## 2211	3	0.9999999
## 2212	4	0.9999999
## 2213	3	0.9999999
## 2214	3	0.9999999
## 2215	3	0.9999999
## 2216	3	0.9999999
## 2217	3	0.9999999
## 2218	3	0.9999999
## 2219	3	0.9999999
## 2220	2	0.9999999
## 2221	2	0.9999999
## 2222	1	0.9999999
## 2223	3	0.9999999
## 2224	1	0.9999999
## 2225	4	0.9999999
## 2226	2	0.9999999
## 2227	4	0.9999999
## 2228	1	0.9999999
## 2229	2	0.9999999
## 2230	2	0.9999999
## 2231	4	0.9999999
## 2232	3	0.9999999
## 2233	4	0.9999999
## 2234	2	0.9999999
## 2235	2	0.9999999
## 2236	4	0.9999999
## 2237	2	0.9999999
## 2238	2	0.9999999
## 2239	3	0.9999999
## 2240	2	0.9999999
## 2241	3	0.9999999
## 2242	4	0.9999999
## 2243	2	0.9999999

## 2244	3	0.9999999
## 2245	2	0.9999999
## 2246	3	0.9999998
## 2247	4	0.9999999
## 2248	3	0.9999999
## 2249	2	0.9999999
## 2250	2	0.9999999
## 2251	4	0.9999999
## 2252	2	0.9999999
## 2253	2	0.9999999
## 2254	3	0.9999999
## 2255	3	0.9999999
## 2256	2	0.9999999
## 2257	3	0.9999999
## 2258	3	0.9999999
## 2259	3	0.9999999
## 2260	4	0.9999999
## 2261	4	0.9999999
## 2262	2	0.9999999
## 2263	2	0.9999999
## 2264	3	0.9999999
## 2265	2	0.9999999
## 2266	3	0.9999999
## 2267	2	0.9999999
## 2268	1	0.9999999
## 2269	1	0.9999999
## 2270	1	0.9999999
## 2271	4	0.9999999
## 2272	2	0.9999999
## 2273	4	0.9999999
## 2274	4	0.9999999
## 2275	2	0.9999999
## 2276	2	0.9999999
## 2277	4	0.9999999
## 2278	2	0.9999999
## 2279	3	0.9999999
## 2280	2	0.9999999
## 2281	2	0.9999999
## 2282	2	0.9999999
## 2283	4	0.9999999
## 2284	2	0.9999999
## 2285	3	0.9999999
## 2286	2	0.9999999
## 2287	3	0.9999999
## 2288	2	0.9999999
## 2289	2	0.9999999
## 2290	4	0.9999999
## 2291	3	0.9999999
## 2292	3	0.9999999
## 2293	3	0.9999999
## 2294	2	0.9999999
## 2295	3	0.9999999
## 2296	4	0.9999999
## 2297	3	0.9999999

## 2298	2	0.9999999
## 2299	0	0.9999999
## 2300	2	0.9999999
## 2301	4	0.9999999
## 2302	3	0.9999999
## 2303	2	0.9999999
## 2304	2	0.9999999
## 2305	0	0.9999999
## 2306	4	0.9999999
## 2307	3	0.9999999
## 2308	1	0.9999999
## 2309	3	0.9999999
## 2310	3	0.9999999
## 2311	4	0.9999999
## 2312	1	0.9999999
## 2313	4	0.9999999
## 2314	3	0.9999999
## 2315	4	0.9999999
## 2316	3	0.9999999
## 2317	3	0.9999999
## 2318	2	0.9999999
## 2319	3	0.9999999
## 2320	2	0.9999999
## 2321	2	0.9999999
## 2322	1	0.9999999
## 2323	2	0.9999999
## 2324	3	0.9999999
## 2325	2	0.9999999
## 2326	0	0.9999998
## 2327	0	0.9999999
## 2328	4	0.9999999
## 2329	2	0.9999999
## 2330	3	0.9999999
## 2331	2	0.9999999
## 2332	3	0.9999999
## 2333	3	0.9999999
## 2334	2	0.9999999
## 2335	3	0.9999999
## 2336	2	0.9999999
## 2337	2	0.9999999
## 2338	2	0.9999999
## 2339	2	0.9999999
## 2340	4	0.9999999
## 2341	0	0.9999999
## 2342	3	0.9999999
## 2343	4	0.9999999
## 2344	2	0.9999999
## 2345	2	0.9999999
## 2346	4	0.9999999
## 2347	4	0.9999999
## 2348	3	0.9999999
## 2349	1	0.9999999
## 2350	3	0.9999999
## 2351	4	0.9999999

## 2352	2	0.9999999
## 2353	2	0.9999999
## 2354	1	0.9999999
## 2355	2	0.9999999
## 2356	2	0.9999999
## 2357	2	0.9999999
## 2358	2	0.9999999
## 2359	3	0.9999999
## 2360	3	0.9999999
## 2361	2	0.9999999
## 2362	4	0.9999999
## 2363	3	0.9999999
## 2364	4	0.9999999
## 2365	4	0.9999999
## 2366	1	0.9999999
## 2367	2	0.9999999
## 2368	3	0.9999999
## 2369	2	0.9999999
## 2370	1	0.9999999
## 2371	3	0.9999999
## 2372	0	0.9999999
## 2373	2	0.9999999
## 2374	2	0.9999999
## 2375	2	0.9999999
## 2376	4	0.9999999
## 2377	3	0.9999999
## 2378	3	0.9999999
## 2379	2	0.9999999
## 2380	2	0.9999999
## 2381	3	0.9999999
## 2382	2	0.9999999
## 2383	3	0.9999998
## 2384	2	0.9999999
## 2385	1	0.9999999
## 2386	2	0.9999999
## 2387	2	0.9999999
## 2388	2	0.9999999
## 2389	2	0.9999999
## 2390	2	0.9999999
## 2391	3	0.9999999
## 2392	2	0.9999999
## 2393	4	0.9999999
## 2394	2	0.9999998
## 2395	4	0.9999999
## 2396	2	0.9999999
## 2397	2	0.9999999
## 2398	4	0.9999999
## 2399	3	0.9999999
## 2400	2	0.9999999
## 2401	3	0.9999999
## 2402	4	0.9999999
## 2403	2	0.9999999
## 2404	0	0.9999999
## 2405	2	0.9999999

## 2406	1	0.9999999
## 2407	4	0.9999999
## 2408	2	0.9999999
## 2409	2	0.9999999
## 2410	3	0.9999999
## 2411	3	0.9999999
## 2412	2	0.9999999
## 2413	2	0.9999999
## 2414	3	0.9999999
## 2415	2	0.9999999
## 2416	3	0.9999999
## 2417	1	0.9999999
## 2418	2	0.9999999
## 2419	2	0.9999999
## 2420	2	0.9999999
## 2421	2	0.9999999
## 2422	2	0.9999999
## 2423	1	0.9999999
## 2424	4	0.9999999
## 2425	3	0.9999999
## 2426	1	0.9999999
## 2427	3	0.9999999
## 2428	2	0.9999999
## 2429	2	0.9999999
## 2430	3	0.9999999
## 2431	2	0.9999999
## 2432	2	0.9999999
## 2433	4	0.9999999
## 2434	4	0.9999999
## 2435	3	0.9999999
## 2436	3	0.9999999
## 2437	3	0.9999999
## 2438	4	0.9999999
## 2439	3	0.9999999
## 2440	2	0.9999999
## 2441	4	0.9999998
## 2442	4	0.9999999
## 2443	3	0.9999999
## 2444	2	0.9999998
## 2445	4	0.9999999
## 2446	1	0.9999999
## 2447	4	0.9999999
## 2448	2	0.9999999
## 2449	3	0.9999999
## 2450	2	0.9999999
## 2451	2	0.9999999
## 2452	2	0.9999999
## 2453	3	0.9999999
## 2454	3	0.9999998
## 2455	3	0.9999999
## 2456	2	0.9999999
## 2457	2	0.9999999
## 2458	4	0.9999999
## 2459	3	0.9999999

## 2460	2	0.9999999
## 2461	3	0.9999999
## 2462	1	0.9999999
## 2463	2	0.9999999
## 2464	2	0.9999998
## 2465	4	0.9999999
## 2466	3	0.9999999
## 2467	3	0.9999999
## 2468	4	0.9999999
## 2469	2	0.9999999
## 2470	2	0.9999999
## 2471	2	0.9999999
## 2472	3	0.9999999
## 2473	4	0.9999999
## 2474	4	0.9999999
## 2475	2	0.9999999
## 2476	3	0.9999999
## 2477	2	0.9999999
## 2478	2	0.9999998
## 2479	2	0.9999999
## 2480	4	0.9999999
## 2481	4	0.9999999
## 2482	2	0.9999999
## 2483	2	0.9999999
## 2484	3	0.9999999
## 2485	4	0.9999999
## 2486	2	0.9999999
## 2487	2	0.9999999
## 2488	2	0.9999999
## 2489	3	0.9999999
## 2490	4	0.9999999
## 2491	2	0.9999998
## 2492	2	0.9999999
## 2493	4	0.9999999
## 2494	1	0.9999999
## 2495	4	0.9999999
## 2496	3	0.9999999
## 2497	3	0.9999999
## 2498	1	0.9999999
## 2499	2	0.9999999
## 2500	3	0.9999999
## 2501	4	0.9999999
## 2502	4	0.9999999
## 2503	3	0.9999999
## 2504	3	0.9999998
## 2505	4	0.9999999
## 2506	3	0.9999999
## 2507	2	0.9999999
## 2508	2	0.9999999
## 2509	3	0.9999999
## 2510	2	0.9999999
## 2511	2	0.9999999
## 2512	3	0.9999999
## 2513	4	0.9999999

## 2514	2	0.9999999
## 2515	4	0.9999998
## 2516	4	0.9999998
## 2517	2	0.9999999
## 2518	2	0.9999999
## 2519	4	0.9999999
## 2520	2	0.9999999
## 2521	4	0.9999999
## 2522	1	0.9999999
## 2523	3	0.9999999
## 2524	2	0.9999999
## 2525	0	0.9999999
## 2526	3	0.9999999
## 2527	0	0.9999999
## 2528	3	0.9999999
## 2529	1	0.9999999
## 2530	4	0.9999999
## 2531	4	0.9999999
## 2532	4	0.9999999
## 2533	3	0.9999999
## 2534	4	0.9999998
## 2535	3	0.9999999
## 2536	4	0.9999999
## 2537	4	0.9999999
## 2538	2	0.9999999
## 2539	3	0.9999999
## 2540	4	0.9999999
## 2541	2	0.9999999
## 2542	1	0.9999999
## 2543	1	0.9999999
## 2544	3	0.9999999
## 2545	4	0.9999999
## 2546	2	0.9999999
## 2547	2	0.9999999
## 2548	4	0.9999999
## 2549	2	0.9999999
## 2550	2	0.9999999
## 2551	2	0.9999999
## 2552	3	0.9999999
## 2553	3	0.9999999
## 2554	2	0.9999999
## 2555	3	0.9999999
## 2556	1	0.9999999
## 2557	4	0.9999999
## 2558	4	0.9999999
## 2559	4	0.9999999
## 2560	3	0.9999999
## 2561	3	0.9999999
## 2562	2	0.9999999
## 2563	3	0.9999999
## 2564	4	0.9999999
## 2565	3	0.9999998
## 2566	2	0.9999998
## 2567	2	0.9999999

## 2568	2	0.9999999
## 2569	3	0.9999999
## 2570	1	0.9999999
## 2571	3	0.9999999
## 2572	4	0.9999999
## 2573	3	0.9999999
## 2574	2	0.9999999
## 2575	2	0.9999999
## 2576	3	0.9999999
## 2577	3	0.9999999
## 2578	2	0.9999999
## 2579	4	0.9999999
## 2580	1	0.9999999
## 2581	3	0.9999999
## 2582	2	0.9999999
## 2583	0	0.9999999
## 2584	2	0.9999999
## 2585	4	0.9999999
## 2586	2	0.9999999
## 2587	2	0.9999999
## 2588	4	0.9999999
## 2589	2	0.9999999
## 2590	2	0.9999999
## 2591	3	0.9999999
## 2592	3	0.9999999
## 2593	3	0.9999999
## 2594	4	0.9999998
## 2595	2	0.9999999
## 2596	2	0.9999999
## 2597	4	0.9999999
## 2598	4	0.9999999
## 2599	1	0.9999999
## 2600	3	0.9999999
## 2601	1	0.9999999
## 2602	4	0.9999999
## 2603	2	0.9999999
## 2604	3	0.9999999
## 2605	3	0.9999999
## 2606	3	0.9999999
## 2607	2	0.9999999
## 2608	2	0.9999999
## 2609	3	0.9999999
## 2610	3	0.9999999
## 2611	2	0.9999999
## 2612	3	0.9999997
## 2613	3	0.9999999
## 2614	2	0.9999999
## 2615	2	0.9999999
## 2616	2	0.9999999
## 2617	3	0.9999999
## 2618	1	0.9999999
## 2619	4	0.9999999
## 2620	3	0.9999999
## 2621	3	0.9999999

## 2622	4	0.9999999
## 2623	3	0.9999999
## 2624	4	0.9999999
## 2625	4	0.9999999
## 2626	2	0.9999999
## 2627	2	0.9999999
## 2628	0	0.9999999
## 2629	4	0.9999999
## 2630	2	0.9999999
## 2631	4	0.9999999
## 2632	4	0.9999999
## 2633	4	0.9999999
## 2634	4	0.9999999
## 2635	3	0.9999999
## 2636	2	0.9999999
## 2637	2	0.9999999
## 2638	0	0.9999999
## 2639	3	0.9999999
## 2640	1	0.9999998
## 2641	4	0.9999999
## 2642	3	0.9999999
## 2643	2	0.9999999
## 2644	3	0.9999999
## 2645	4	0.9999999
## 2646	2	0.9999999
## 2647	2	0.9999999
## 2648	4	0.9999999
## 2649	3	0.9999998
## 2650	3	0.9999999
## 2651	4	0.9999999
## 2652	2	0.9999999
## 2653	3	0.9999999
## 2654	3	0.9999999
## 2655	2	0.9999998
## 2656	4	0.9999999
## 2657	4	0.9999999
## 2658	4	0.9999999
## 2659	4	0.9999999
## 2660	4	0.9999999
## 2661	2	0.9999999
## 2662	3	0.9999999
## 2663	2	0.9999999
## 2664	2	0.9999999
## 2665	4	0.9999999
## 2666	2	0.9999999
## 2667	4	0.9999999
## 2668	3	0.9999999
## 2669	2	0.9999999
## 2670	2	0.9999999
## 2671	3	0.9999999
## 2672	3	0.9999999
## 2673	4	0.9999999
## 2674	4	0.9999999
## 2675	2	0.9999999

## 2676	4	0.9999999
## 2677	4	0.9999999
## 2678	2	0.9999999
## 2679	4	0.9999999
## 2680	1	0.9999999
## 2681	1	0.9999999
## 2682	2	0.9999999
## 2683	4	0.9999999
## 2684	0	0.9999999
## 2685	1	0.9999999
## 2686	4	0.9999999
## 2687	3	0.9999998
## 2688	1	0.9999999
## 2689	2	0.9999999
## 2690	4	0.9999999
## 2691	2	0.9999999
## 2692	1	0.9999999
## 2693	1	0.9999999
## 2694	4	0.9999999
## 2695	3	0.9999999
## 2696	2	0.9999999
## 2697	1	0.9999999
## 2698	2	0.9999999
## 2699	2	0.9999999
## 2700	3	0.9999999
## 2701	1	0.9999999
## 2702	2	0.9999999
## 2703	3	0.9999999
## 2704	2	0.9999999
## 2705	2	0.9999999
## 2706	2	0.9999999
## 2707	2	0.9999999
## 2708	3	0.9999999
## 2709	3	0.9999999
## 2710	4	0.9999998
## 2711	3	0.9999999
## 2712	4	0.9999999
## 2713	4	0.9999999
## 2714	3	0.9999999
## 2715	2	0.9999999
## 2716	4	0.9999999
## 2717	4	0.9999999
## 2718	3	0.9999999
## 2719	3	0.9999999
## 2720	2	0.9999999
## 2721	2	0.9999999
## 2722	2	0.9999999
## 2723	2	0.9999999
## 2724	0	0.9999999
## 2725	3	0.9999999
## 2726	4	0.9999999
## 2727	1	0.9999999
## 2728	2	0.9999999
## 2729	3	0.9999999

## 2730	4	0.9999999
## 2731	4	0.9999999
## 2732	2	0.9999998
## 2733	3	0.9999999
## 2734	3	0.9999999
## 2735	2	0.9999999
## 2736	3	0.9999999
## 2737	4	0.9999999
## 2738	2	0.9999999
## 2739	2	0.9999999
## 2740	3	0.9999998
## 2741	3	0.9999999
## 2742	2	0.9999999
## 2743	2	0.9999999
## 2744	2	0.9999999
## 2745	4	0.9999999
## 2746	2	0.9999999
## 2747	4	0.9999999
## 2748	4	0.9999999
## 2749	3	0.9999999
## 2750	3	0.9999999
## 2751	3	0.9999999
## 2752	4	0.9999999
## 2753	3	0.9999999
## 2754	4	0.9999999
## 2755	2	0.9999999
## 2756	4	0.9999999
## 2757	4	0.9999999
## 2758	4	0.9999999
## 2759	4	0.9999999
## 2760	2	0.9999999
## 2761	4	0.9999999
## 2762	4	0.9999999
## 2763	3	0.9999999
## 2764	2	0.9999999
## 2765	0	0.9999999
## 2766	4	0.9999999
## 2767	2	0.9999999
## 2768	2	0.9999999
## 2769	2	0.9999999
## 2770	4	0.9999999
## 2771	4	0.9999999
## 2772	4	0.9999999
## 2773	4	0.9999999
## 2774	3	0.9999999
## 2775	4	0.9999999
## 2776	0	0.9999999
## 2777	1	0.9999999
## 2778	2	0.9999999
## 2779	2	0.9999999
## 2780	2	0.9999999
## 2781	2	0.9999999
## 2782	3	0.9999999
## 2783	1	0.9999999

## 2784	2	0.9999999
## 2785	2	0.9999999
## 2786	4	0.9999999
## 2787	0	0.9999999
## 2788	2	0.9999999
## 2789	2	0.9999999
## 2790	3	0.9999999
## 2791	4	0.9999999
## 2792	4	0.9999999
## 2793	2	0.9999999
## 2794	2	0.9999998
## 2795	2	0.9999999
## 2796	2	0.9999999
## 2797	1	0.9999999
## 2798	4	0.9999999
## 2799	2	0.9999999
## 2800	2	0.9999999
## 2801	1	0.9999999
## 2802	0	0.9999999
## 2803	2	0.9999999
## 2804	2	0.9999999
## 2805	3	0.9999999
## 2806	4	0.9999999
## 2807	2	0.9999999
## 2808	3	0.9999999
## 2809	4	0.9999999
## 2810	2	0.9999999
## 2811	2	0.9999999
## 2812	2	0.9999999
## 2813	4	0.9999999
## 2814	2	0.9999999
## 2815	3	0.9999999
## 2816	3	0.9999999
## 2817	2	0.9999999
## 2818	4	0.9999999
## 2819	4	0.9999999
## 2820	2	0.9999999
## 2821	3	0.9999999
## 2822	4	0.9999999
## 2823	2	0.9999999
## 2824	3	0.9999999
## 2825	2	0.9999999
## 2826	2	0.9999999
## 2827	2	0.9999999
## 2828	4	0.9999999
## 2829	3	0.9999999
## 2830	2	0.9999999
## 2831	1	0.9999999
## 2832	2	0.9999998
## 2833	2	0.9999999
## 2834	3	0.9999999
## 2835	3	0.9999999
## 2836	4	0.9999999
## 2837	3	0.9999999

## 2838	4	0.9999998
## 2839	2	0.9999999
## 2840	2	0.9999999
## 2841	2	0.9999999
## 2842	2	0.9999999
## 2843	2	0.9999999
## 2844	0	0.9999999
## 2845	2	0.9999999
## 2846	2	0.9999999
## 2847	2	0.9999998
## 2848	1	0.9999999
## 2849	2	0.9999999
## 2850	4	0.9999999
## 2851	4	0.9999999
## 2852	3	0.9999999
## 2853	2	0.9999999
## 2854	3	0.9999999
## 2855	4	0.9999999
## 2856	1	0.9999999
## 2857	4	0.9999999
## 2858	0	0.9999999
## 2859	2	0.9999999
## 2860	4	0.9999999
## 2861	4	0.9999999
## 2862	4	0.9999999
## 2863	2	0.9999999
## 2864	2	0.9999999
## 2865	3	0.9999999
## 2866	2	0.9999999
## 2867	4	0.9999999
## 2868	2	0.9999999
## 2869	2	0.9999999
## 2870	2	0.9999999
## 2871	2	0.9999999
## 2872	2	0.9999999
## 2873	4	0.9999999
## 2874	4	0.9999999
## 2875	3	0.9999999
## 2876	4	0.9999999
## 2877	2	0.9999999
## 2878	1	0.9999999
## 2879	2	0.9999999
## 2880	2	0.9999999
## 2881	2	0.9999999
## 2882	1	0.9999999
## 2883	3	0.9999999
## 2884	2	0.9999999
## 2885	0	0.9999999
## 2886	4	0.9999999
## 2887	4	0.9999999
## 2888	2	0.9999999
## 2889	3	0.9999999
## 2890	3	0.9999999
## 2891	3	0.9999999

## 2892	4	0.9999999
## 2893	3	0.9999999
## 2894	2	0.9999999
## 2895	3	0.9999999
## 2896	3	0.9999999
## 2897	2	0.9999999
## 2898	4	0.9999999
## 2899	2	0.9999999
## 2900	4	0.9999999
## 2901	3	0.9999999
## 2902	3	0.9999999
## 2903	3	0.9999999
## 2904	3	0.9999999
## 2905	2	0.9999999
## 2906	1	0.9999999
## 2907	3	0.9999999
## 2908	3	0.9999999
## 2909	4	0.9999999
## 2910	3	0.9999999
## 2911	2	0.9999999
## 2912	2	0.9999999
## 2913	3	0.9999999
## 2914	2	0.9999999
## 2915	1	0.9999999
## 2916	4	0.9999998
## 2917	2	0.9999999
## 2918	2	0.9999999
## 2919	2	0.9999999
## 2920	2	0.9999998
## 2921	4	0.9999999
## 2922	3	0.9999999
## 2923	4	0.9999999
## 2924	4	0.9999999
## 2925	3	0.9999999
## 2926	1	0.9999999
## 2927	3	0.9999999
## 2928	4	0.9999999
## 2929	0	0.9999999
## 2930	1	0.9999999
## 2931	4	0.9999999
## 2932	2	0.9999999
## 2933	4	0.9999999
## 2934	4	0.9999999
## 2935	4	0.9999999
## 2936	3	0.9999999
## 2937	2	0.9999999
## 2938	2	0.9999999
## 2939	3	0.9999999
## 2940	2	0.9999999
## 2941	3	0.9999999
## 2942	2	0.9999999
## 2943	3	0.9999999
## 2944	4	0.9999999
## 2945	2	0.9999999

## 2946	2	0.9999999
## 2947	1	0.9999999
## 2948	3	0.9999999
## 2949	3	0.9999999
## 2950	3	0.9999999
## 2951	2	0.9999999
## 2952	3	0.9999999
## 2953	3	0.9999999
## 2954	4	0.9999999
## 2955	0	0.9999999
## 2956	1	0.9999999
## 2957	3	0.9999999
## 2958	1	0.9999999
## 2959	3	0.9999999
## 2960	4	0.9999999
## 2961	3	0.9999999
## 2962	2	0.9999999
## 2963	3	0.9999999
## 2964	4	0.9999999
## 2965	4	0.9999999
## 2966	2	0.9999999
## 2967	1	0.9999999
## 2968	2	0.9999999
## 2969	4	0.9999999
## 2970	2	0.9999999
## 2971	4	0.9999999
## 2972	2	0.9999999
## 2973	3	0.9999999
## 2974	4	0.9999999
## 2975	4	0.9999999
## 2976	4	0.9999999
## 2977	3	0.9999999
## 2978	3	0.9999999
## 2979	2	0.9999999
## 2980	3	0.9999999
## 2981	1	0.9999999
## 2982	0	0.9999999
## 2983	3	0.9999999
## 2984	4	0.9999999
## 2985	3	0.9999999
## 2986	2	0.9999999
## 2987	2	0.9999999
## 2988	4	0.9999999
## 2989	2	0.9999999
## 2990	2	0.9999999
## 2991	3	0.9999999
## 2992	2	0.9999999
## 2993	2	0.9999999
## 2994	3	0.9999999
## 2995	2	0.9999999
## 2996	2	0.9999999
## 2997	2	0.9999998
## 2998	2	0.9999999
## 2999	3	0.9999999

## 3000	1	0.9999999
## 3001	2	0.9999999
## 3002	4	0.9999999
## 3003	1	0.9999999
## 3004	2	0.9999999
## 3005	2	0.9999999
## 3006	2	0.9999999
## 3007	4	0.9999999
## 3008	0	0.9999999
## 3009	3	0.9999999
## 3010	4	0.9999999
## 3011	2	0.9999999
## 3012	2	0.9999999
## 3013	2	0.9999999
## 3014	3	0.9999999
## 3015	4	0.9999999
## 3016	3	0.9999999
## 3017	1	0.9999999
## 3018	2	0.9999999
## 3019	2	0.9999998
## 3020	3	0.9999999
## 3021	4	0.9999999
## 3022	3	0.9999999
## 3023	1	0.9999999
## 3024	2	0.9999998
## 3025	4	0.9999999
## 3026	2	0.9999999
## 3027	4	0.9999999
## 3028	4	0.9999998
## 3029	1	0.9999999
## 3030	4	0.9999999
## 3031	2	0.9999999
## 3032	4	0.9999999
## 3033	2	0.9999999
## 3034	4	0.9999999
## 3035	4	0.9999999
## 3036	4	0.9999999
## 3037	2	0.9999999
## 3038	1	0.9999998
## 3039	1	0.9999999
## 3040	2	0.9999999
## 3041	2	0.9999999
## 3042	4	0.9999999
## 3043	3	0.9999999
## 3044	3	0.9999999
## 3045	2	0.9999999
## 3046	4	0.9999999
## 3047	3	0.9999999
## 3048	2	0.9999999
## 3049	0	0.9999999
## 3050	3	0.9999999
## 3051	2	0.9999999
## 3052	2	0.9999999
## 3053	4	0.9999999

## 3054	4	0.9999999
## 3055	2	0.9999999
## 3056	4	0.9999999
## 3057	4	0.9999999
## 3058	4	0.9999999
## 3059	2	0.9999999
## 3060	2	0.9999999
## 3061	4	0.9999999
## 3062	3	0.9999999
## 3063	3	0.9999999
## 3064	4	0.9999999
## 3065	3	0.9999999
## 3066	3	0.9999998
## 3067	1	0.9999999
## 3068	3	0.9999999
## 3069	3	0.9999999
## 3070	0	0.9999999
## 3071	2	0.9999999
## 3072	3	0.9999999
## 3073	2	0.9999999
## 3074	3	0.9999999
## 3075	2	0.9999999
## 3076	4	0.9999999
## 3077	2	0.9999999
## 3078	1	0.9999999
## 3079	4	0.9999999
## 3080	3	0.9999999
## 3081	1	0.9999999
## 3082	1	0.9999999
## 3083	2	0.9999999
## 3084	4	0.9999999
## 3085	2	0.9999999
## 3086	2	0.9999999
## 3087	2	0.9999999
## 3088	2	0.9999999
## 3089	2	0.9999999
## 3090	2	0.9999999
## 3091	2	0.9999999
## 3092	2	0.9999999
## 3093	4	0.9999999
## 3094	2	0.9999999
## 3095	1	0.9999999
## 3096	2	0.9999998
## 3097	2	0.9999999
## 3098	4	0.9999999
## 3099	4	0.9999999
## 3100	4	0.9999999
## 3101	4	0.9999999
## 3102	3	0.9999999
## 3103	2	0.9999999
## 3104	2	0.9999999
## 3105	4	0.9999999
## 3106	4	0.9999999
## 3107	2	0.9999999

## 3108	3	0.9999999
## 3109	3	0.9999999
## 3110	2	0.9999999
## 3111	2	0.9999999
## 3112	0	0.9999999
## 3113	1	0.9999999
## 3114	2	0.9999999
## 3115	4	0.9999999
## 3116	2	0.9999998
## 3117	2	0.9999999
## 3118	3	0.9999999
## 3119	4	0.9999999
## 3120	3	0.9999999
## 3121	2	0.9999999
## 3122	3	0.9999999
## 3123	4	0.9999998
## 3124	4	0.9999999
## 3125	3	0.9999999
## 3126	4	0.9999998
## 3127	3	0.9999999
## 3128	4	0.9999999
## 3129	0	0.9999999
## 3130	3	0.9999999
## 3131	4	0.9999999
## 3132	2	0.9999999
## 3133	3	0.9999999
## 3134	4	0.9999999
## 3135	4	0.9999999
## 3136	2	0.9999999
## 3137	4	0.9999999
## 3138	2	0.9999999
## 3139	4	0.9999999
## 3140	4	0.9999999
## 3141	4	0.9999999
## 3142	4	0.9999999
## 3143	4	0.9999999
## 3144	0	0.9999999
## 3145	4	0.9999999
## 3146	4	0.9999999
## 3147	2	0.9999999
## 3148	3	0.9999999
## 3149	2	0.9999999
## 3150	4	0.9999999
## 3151	4	0.9999999
## 3152	2	0.9999999
## 3153	2	0.9999999
## 3154	2	0.9999999
## 3155	4	0.9999999
## 3156	2	0.9999999
## 3157	4	0.9999999
## 3158	4	0.9999999
## 3159	2	0.9999999
## 3160	0	0.9999999
## 3161	2	0.9999999

## 3162	2	0.9999999
## 3163	3	0.9999999
## 3164	1	0.9999999
## 3165	3	0.9999999
## 3166	2	0.9999999
## 3167	4	0.9999999
## 3168	3	0.9999999
## 3169	4	0.9999999
## 3170	3	0.9999999
## 3171	2	0.9999999
## 3172	2	0.9999998
## 3173	2	0.9999999
## 3174	3	0.9999999
## 3175	4	0.9999999
## 3176	4	0.9999999
## 3177	3	0.9999999
## 3178	2	0.9999999
## 3179	2	0.9999999
## 3180	3	0.9999999
## 3181	2	0.9999999
## 3182	4	0.9999999
## 3183	2	0.9999999
## 3184	4	0.9999999
## 3185	4	0.9999999
## 3186	3	0.9999999
## 3187	2	0.9999999
## 3188	4	0.9999999
## 3189	2	0.9999999
## 3190	1	0.9999999
## 3191	1	0.9999999
## 3192	3	0.9999999
## 3193	2	0.9999999
## 3194	4	0.9999999
## 3195	2	0.9999999
## 3196	3	0.9999999
## 3197	3	0.9999999
## 3198	3	0.9999999
## 3199	2	0.9999999
## 3200	2	0.9999999
## 3201	4	0.9999998
## 3202	4	0.9999999
## 3203	2	0.9999999
## 3204	2	0.9999999
## 3205	2	0.9999999
## 3206	3	0.9999999
## 3207	2	0.9999999
## 3208	2	0.9999999
## 3209	1	0.9999999
## 3210	2	0.9999999
## 3211	1	0.9999999
## 3212	2	0.9999999
## 3213	4	0.9999999
## 3214	2	0.9999999
## 3215	2	0.9999999

## 3216	1	0.9999999
## 3217	2	0.9999999
## 3218	4	0.9999999
## 3219	3	0.9999999
## 3220	2	0.9999999
## 3221	2	0.9999999
## 3222	2	0.9999999
## 3223	2	0.9999999
## 3224	2	0.9999999
## 3225	2	0.9999999
## 3226	4	0.9999999
## 3227	1	0.9999999
## 3228	2	0.9999999
## 3229	0	0.9999998
## 3230	2	0.9999999
## 3231	3	0.9999999
## 3232	2	0.9999999
## 3233	3	0.9999999
## 3234	1	0.9999999
## 3235	3	0.9999999
## 3236	1	0.9999999
## 3237	3	0.9999999
## 3238	2	0.9999998
## 3239	1	0.9999999
## 3240	4	0.9999999
## 3241	3	0.9999999
## 3242	1	0.9999999
## 3243	2	0.9999999
## 3244	2	0.9999999
## 3245	2	0.9999999
## 3246	4	0.9999999
## 3247	3	0.9999999
## 3248	2	0.9999999
## 3249	3	0.9999999
## 3250	2	0.9999999
## 3251	4	0.9999999
## 3252	1	0.9999999
## 3253	4	0.9999999
## 3254	3	0.9999999
## 3255	3	0.9999999
## 3256	3	0.9999999
## 3257	4	0.9999999
## 3258	4	0.9999999
## 3259	2	0.9999999
## 3260	3	0.9999999
## 3261	2	0.9999999
## 3262	2	0.9999999
## 3263	3	0.9999999
## 3264	2	0.9999999
## 3265	1	0.9999999
## 3266	4	0.9999998
## 3267	3	0.9999999
## 3268	2	0.9999999
## 3269	4	0.9999999

## 3270	4	0.9999999
## 3271	4	0.9999999
## 3272	4	0.9999999
## 3273	2	0.9999999
## 3274	2	0.9999999
## 3275	1	0.9999999
## 3276	3	0.9999999
## 3277	2	0.9999999
## 3278	2	0.9999999
## 3279	2	0.9999999
## 3280	2	0.9999999
## 3281	2	0.9999999
## 3282	1	0.9999999
## 3283	4	0.9999999
## 3284	2	0.9999999
## 3285	2	0.9999999
## 3286	4	0.9999999
## 3287	3	0.9999999
## 3288	3	0.9999999
## 3289	3	0.9999999
## 3290	3	0.9999998
## 3291	2	0.9999999
## 3292	2	0.9999999
## 3293	2	0.9999999
## 3294	2	0.9999999
## 3295	4	0.9999999
## 3296	4	0.9999999
## 3297	2	0.9999999
## 3298	2	0.9999999
## 3299	2	0.9999999
## 3300	1	0.9999998
## 3301	4	0.9999999
## 3302	4	0.9999999
## 3303	1	0.9999999
## 3304	4	0.9999999
## 3305	2	0.9999999
## 3306	0	0.9999998
## 3307	3	0.9999999
## 3308	3	0.9999999
## 3309	3	0.9999998
## 3310	3	0.9999999
## 3311	1	0.9999999
## 3312	3	0.9999999
## 3313	4	0.9999999
## 3314	4	0.9999999
## 3315	2	0.9999999
## 3316	1	0.9999999
## 3317	2	0.9999999
## 3318	3	0.9999999
## 3319	2	0.9999999
## 3320	2	0.9999999
## 3321	4	0.9999999
## 3322	0	0.9999999
## 3323	2	0.9999999

## 3324	2	0.9999999
## 3325	4	0.9999999
## 3326	3	0.9999999
## 3327	1	0.9999999
## 3328	4	0.9999999
## 3329	2	0.9999999
## 3330	2	0.9999999
## 3331	3	0.9999999
## 3332	4	0.9999999
## 3333	2	0.9999999
## 3334	3	0.9999999
## 3335	2	0.9999999
## 3336	1	0.9999999
## 3337	4	0.9999999
## 3338	3	0.9999999
## 3339	3	0.9999999
## 3340	3	0.9999999
## 3341	3	0.9999999
## 3342	1	0.9999999
## 3343	4	0.9999999
## 3344	3	0.9999999
## 3345	2	0.9999998
## 3346	3	0.9999999
## 3347	3	0.9999999
## 3348	2	0.9999999
## 3349	4	0.9999999
## 3350	4	0.9999999
## 3351	1	0.9999999
## 3352	3	0.9999999
## 3353	4	0.9999999
## 3354	2	0.9999999
## 3355	2	0.9999999
## 3356	2	0.9999998
## 3357	4	0.9999999
## 3358	2	0.9999998
## 3359	2	0.9999999
## 3360	3	0.9999999
## 3361	0	0.9999999
## 3362	2	0.9999999
## 3363	2	0.9999999
## 3364	2	0.9999999
## 3365	4	0.9999999
## 3366	0	0.9999999
## 3367	2	0.9999999
## 3368	4	0.9999999
## 3369	2	0.9999999
## 3370	2	0.9999999
## 3371	3	0.9999999
## 3372	3	0.9999998
## 3373	4	0.9999999
## 3374	3	0.9999999
## 3375	2	0.9999999
## 3376	3	0.9999999
## 3377	2	0.9999999

## 3378	1	0.9999999
## 3379	1	0.9999999
## 3380	2	0.9999999
## 3381	2	0.9999999
## 3382	3	0.9999999
## 3383	1	0.9999999
## 3384	2	0.9999999
## 3385	1	0.9999999
## 3386	3	0.9999999
## 3387	3	0.9999998
## 3388	4	0.9999999
## 3389	4	0.9999999
## 3390	4	0.9999999
## 3391	3	0.9999999
## 3392	4	0.9999999
## 3393	2	0.9999999
## 3394	2	0.9999999
## 3395	3	0.9999999
## 3396	1	0.9999999
## 3397	2	0.9999999
## 3398	4	0.9999999
## 3399	2	0.9999999
## 3400	2	0.9999999
## 3401	3	0.9999999
## 3402	4	0.9999998
## 3403	3	0.9999999
## 3404	3	0.9999999
## 3405	2	0.9999999
## 3406	3	0.9999999
## 3407	3	0.9999999
## 3408	2	0.9999999
## 3409	4	0.9999999
## 3410	2	0.9999999
## 3411	4	0.9999999
## 3412	4	0.9999999
## 3413	2	0.9999999
## 3414	2	0.9999999
## 3415	4	0.9999999
## 3416	3	0.9999999
## 3417	3	0.9999999
## 3418	2	0.9999999
## 3419	2	0.9999999
## 3420	1	0.9999999
## 3421	2	0.9999999
## 3422	4	0.9999999
## 3423	3	0.9999999
## 3424	4	0.9999999
## 3425	2	0.9999999
## 3426	3	0.9999999
## 3427	2	0.9999999
## 3428	2	0.9999999
## 3429	4	0.9999999
## 3430	4	0.9999999
## 3431	4	0.9999999

## 3432	3	0.9999999
## 3433	1	0.9999999
## 3434	4	0.9999999
## 3435	4	0.9999999
## 3436	4	0.9999998
## 3437	2	0.9999999
## 3438	4	0.9999999
## 3439	0	0.9999999
## 3440	0	0.9999999
## 3441	3	0.9999999
## 3442	2	0.9999999
## 3443	2	0.9999999
## 3444	3	0.9999998
## 3445	3	0.9999999
## 3446	2	0.9999999
## 3447	3	0.9999999
## 3448	2	0.9999999
## 3449	4	0.9999999
## 3450	4	0.9999999
## 3451	4	0.9999999
## 3452	3	0.9999999
## 3453	4	0.9999999
## 3454	3	0.9999999
## 3455	3	0.9999999
## 3456	4	0.9999999
## 3457	3	0.9999999
## 3458	2	0.9999999
## 3459	4	0.9999999
## 3460	2	0.9999999
## 3461	2	0.9999999
## 3462	0	0.9999999
## 3463	2	0.9999999
## 3464	1	0.9999999
## 3465	2	0.9999998
## 3466	2	0.9999999
## 3467	2	0.9999999
## 3468	2	0.9999999
## 3469	3	0.9999999
## 3470	4	0.9999999
## 3471	3	0.9999999
## 3472	4	0.9999999
## 3473	2	0.9999999
## 3474	2	0.9999999
## 3475	2	0.9999999
## 3476	2	0.9999999
## 3477	4	0.9999999
## 3478	3	0.9999999
## 3479	4	0.9999999
## 3480	4	0.9999999
## 3481	2	0.9999999
## 3482	2	0.9999999
## 3483	2	0.9999998
## 3484	4	0.9999999
## 3485	3	0.9999999

## 3486	4	0.9999999
## 3487	4	0.9999999
## 3488	2	0.9999999
## 3489	2	0.9999998
## 3490	2	0.9999998
## 3491	3	0.9999999
## 3492	2	0.9999998
## 3493	4	0.9999999
## 3494	3	0.9999999
## 3495	4	0.9999999
## 3496	2	0.9999999
## 3497	0	0.9999998
## 3498	3	0.9999999
## 3499	3	0.9999999
## 3500	2	0.9999999
## 3501	2	0.9999999
## 3502	4	0.9999999
## 3503	2	0.9999999
## 3504	0	0.9999999
## 3505	1	0.9999999
## 3506	2	0.9999999
## 3507	1	0.9999999
## 3508	4	0.9999999
## 3509	2	0.9999999
## 3510	2	0.9999999
## 3511	3	0.9999999
## 3512	4	0.9999999
## 3513	4	0.9999999
## 3514	2	0.9999999
## 3515	4	0.9999999
## 3516	3	0.9999999
## 3517	2	0.9999999
## 3518	4	0.9999999
## 3519	2	0.9999999
## 3520	2	0.9999999
## 3521	3	0.9999999
## 3522	2	0.9999999
## 3523	3	0.9999999
## 3524	2	0.9999999
## 3525	2	0.9999999
## 3526	3	0.9999999
## 3527	2	0.9999999
## 3528	3	0.9999999
## 3529	3	0.9999999
## 3530	2	0.9999999
## 3531	2	0.9999999
## 3532	4	0.9999999
## 3533	2	0.9999999
## 3534	2	0.9999999
## 3535	4	0.9999999
## 3536	2	0.9999999
## 3537	1	0.9999999
## 3538	3	0.9999999
## 3539	1	0.9999999

## 3540	4	0.9999999
## 3541	3	0.9999999
## 3542	4	0.9999999
## 3543	4	0.9999999
## 3544	3	0.9999999
## 3545	2	0.9999999
## 3546	4	0.9999999
## 3547	2	0.9999999
## 3548	2	0.9999999
## 3549	2	0.9999999
## 3550	3	0.9999999
## 3551	3	0.9999999
## 3552	3	0.9999999
## 3553	4	0.9999998
## 3554	3	0.9999999
## 3555	3	0.9999999
## 3556	2	0.9999999
## 3557	2	0.9999999
## 3558	3	0.9999999
## 3559	2	0.9999999
## 3560	4	0.9999999
## 3561	2	0.9999999
## 3562	3	0.9999999
## 3563	2	0.9999999
## 3564	4	0.9999999
## 3565	2	0.9999999
## 3566	4	0.9999999
## 3567	1	0.9999999
## 3568	4	0.9999999
## 3569	4	0.9999999
## 3570	2	0.9999999
## 3571	3	0.9999999
## 3572	2	0.9999999
## 3573	4	0.9999999
## 3574	2	0.9999999
## 3575	4	0.9999999
## 3576	2	0.9999999
## 3577	3	0.9999999
## 3578	4	0.9999999
## 3579	3	0.9999999
## 3580	2	0.9999999
## 3581	3	0.9999999
## 3582	3	0.9999999
## 3583	2	0.9999999
## 3584	3	0.9999999
## 3585	3	0.9999999
## 3586	4	0.9999999
## 3587	3	0.9999998
## 3588	4	0.9999999
## 3589	4	0.9999999
## 3590	4	0.9999999
## 3591	2	0.9999999
## 3592	4	0.9999999
## 3593	2	0.9999999

## 3594	3	0.9999999
## 3595	3	0.9999999
## 3596	2	0.9999999
## 3597	4	0.9999999
## 3598	3	0.9999999
## 3599	1	0.9999999
## 3600	2	0.9999999
## 3601	2	0.9999999
## 3602	2	0.9999999
## 3603	2	0.9999999
## 3604	2	0.9999999
## 3605	2	0.9999999
## 3606	0	0.9999999
## 3607	3	0.9999999
## 3608	3	0.9999999
## 3609	2	0.9999999
## 3610	3	0.9999999
## 3611	1	0.9999999
## 3612	3	0.9999999
## 3613	2	0.9999999
## 3614	4	0.9999998
## 3615	3	0.9999999
## 3616	4	0.9999999
## 3617	2	0.9999999
## 3618	0	0.9999999
## 3619	2	0.9999999
## 3620	1	0.9999999
## 3621	4	0.9999999
## 3622	3	0.9999999
## 3623	2	0.9999999
## 3624	3	0.9999999
## 3625	4	0.9999999
## 3626	2	0.9999998
## 3627	3	0.9999999
## 3628	2	0.9999999
## 3629	3	0.9999999
## 3630	4	0.9999999
## 3631	2	0.9999999
## 3632	4	0.9999999
## 3633	2	0.9999999
## 3634	3	0.9999999
## 3635	4	0.9999999
## 3636	3	0.9999999
## 3637	2	0.9999999
## 3638	3	0.9999999
## 3639	3	0.9999999
## 3640	2	0.9999998
## 3641	2	0.9999999
## 3642	2	0.9999999
## 3643	2	0.9999999
## 3644	4	0.9999999
## 3645	2	0.9999999
## 3646	1	0.9999999
## 3647	3	0.9999999

## 3648	3	0.9999999
## 3649	4	0.9999999
## 3650	2	0.9999999
## 3651	1	0.9999999
## 3652	3	0.9999999
## 3653	0	0.9999999
## 3654	3	0.9999999
## 3655	2	0.9999999
## 3656	3	0.9999999
## 3657	2	0.9999999
## 3658	2	0.9999999
## 3659	3	0.9999999
## 3660	2	0.9999999
## 3661	1	0.9999999
## 3662	2	0.9999999
## 3663	4	0.9999999
## 3664	4	0.9999999
## 3665	2	0.9999999
## 3666	2	0.9999999
## 3667	4	0.9999999
## 3668	3	0.9999999
## 3669	3	0.9999999
## 3670	2	0.9999999
## 3671	3	0.9999999
## 3672	3	0.9999999
## 3673	2	0.9999999
## 3674	3	0.9999999
## 3675	3	0.9999998
## 3676	4	0.9999999
## 3677	2	0.9999999
## 3678	3	0.9999999
## 3679	3	0.9999999
## 3680	2	0.9999999
## 3681	4	0.9999999
## 3682	3	0.9999999
## 3683	2	0.9999999
## 3684	4	0.9999999
## 3685	4	0.9999999
## 3686	2	0.9999999
## 3687	2	0.9999999
## 3688	3	0.9999999
## 3689	3	0.9999999
## 3690	2	0.9999999
## 3691	4	0.9999998
## 3692	2	0.9999999
## 3693	2	0.9999999
## 3694	2	0.9999999
## 3695	3	0.9999998
## 3696	3	0.9999999
## 3697	0	0.9999999
## 3698	2	0.9999999
## 3699	3	0.9999999
## 3700	1	0.9999999
## 3701	2	0.9999999

## 3702	3	0.9999999
## 3703	2	0.9999999
## 3704	3	0.9999999
## 3705	2	0.9999999
## 3706	3	0.9999999
## 3707	2	0.9999999
## 3708	4	0.9999999
## 3709	0	0.9999999
## 3710	3	0.9999999
## 3711	3	0.9999999
## 3712	3	0.9999999
## 3713	2	0.9999999
## 3714	2	0.9999999
## 3715	2	0.9999999
## 3716	3	0.9999999
## 3717	3	0.9999999
## 3718	2	0.9999999
## 3719	4	0.9999999
## 3720	3	0.9999999
## 3721	2	0.9999999
## 3722	4	0.9999999
## 3723	2	0.9999999
## 3724	2	0.9999999
## 3725	3	0.9999999
## 3726	3	0.9999999
## 3727	2	0.9999999
## 3728	3	0.9999999
## 3729	2	0.9999999
## 3730	2	0.9999999
## 3731	4	0.9999999
## 3732	2	0.9999999
## 3733	2	0.9999999
## 3734	3	0.9999999
## 3735	4	0.9999999
## 3736	2	0.9999999
## 3737	2	0.9999998
## 3738	1	0.9999999
## 3739	3	0.9999999
## 3740	4	0.9999999
## 3741	0	0.9999999
## 3742	0	0.9999998
## 3743	4	0.9999999
## 3744	4	0.9999999
## 3745	4	0.9999999
## 3746	1	0.9999999
## 3747	4	0.9999999
## 3748	2	0.9999999
## 3749	4	0.9999999
## 3750	3	0.9999999
## 3751	1	0.9999999
## 3752	2	0.9999999
## 3753	3	0.9999999
## 3754	3	0.9999999
## 3755	4	0.9999999

## 3756	2	0.9999999
## 3757	1	0.9999999
## 3758	2	0.9999999
## 3759	2	0.9999998
## 3760	3	0.9999999
## 3761	2	0.9999999
## 3762	2	0.9999999
## 3763	2	0.9999999
## 3764	2	0.9999999
## 3765	3	0.9999999
## 3766	4	0.9999999
## 3767	3	0.9999999
## 3768	2	0.9999999
## 3769	1	0.9999999
## 3770	2	0.9999999
## 3771	3	0.9999999
## 3772	2	0.9999999
## 3773	2	0.9999999
## 3774	3	0.9999999
## 3775	3	0.9999999
## 3776	3	0.9999999
## 3777	4	0.9999999
## 3778	3	0.9999999
## 3779	3	0.9999999
## 3780	1	0.9999999
## 3781	3	0.9999999
## 3782	4	0.9999999
## 3783	2	0.9999999
## 3784	2	0.9999999
## 3785	4	0.9999999
## 3786	3	0.9999999
## 3787	2	0.9999999
## 3788	4	0.9999999
## 3789	2	0.9999999
## 3790	4	0.9999999
## 3791	2	0.9999998
## 3792	2	0.9999999
## 3793	2	0.9999999
## 3794	2	0.9999998
## 3795	2	0.9999999
## 3796	3	0.9999998
## 3797	2	0.9999999
## 3798	4	0.9999999
## 3799	4	0.9999999
## 3800	1	0.9999998
## 3801	2	0.9999999
## 3802	4	0.9999999
## 3803	4	0.9999999
## 3804	4	0.9999999
## 3805	4	0.9999999
## 3806	1	0.9999999
## 3807	4	0.9999999
## 3808	3	0.9999999
## 3809	2	0.9999998

## 3810	2	0.9999998
## 3811	4	0.9999999
## 3812	2	0.9999999
## 3813	1	0.9999999
## 3814	4	0.9999999
## 3815	4	0.9999999
## 3816	4	0.9999999
## 3817	2	0.9999998
## 3818	4	0.9999999
## 3819	2	0.9999999
## 3820	2	0.9999999
## 3821	4	0.9999999
## 3822	4	0.9999999
## 3823	2	0.9999999
## 3824	2	0.9999999
## 3825	4	0.9999999
## 3826	3	0.9999999
## 3827	3	0.9999999
## 3828	2	0.9999999
## 3829	2	0.9999999
## 3830	4	0.9999999
## 3831	4	0.9999999
## 3832	3	0.9999999
## 3833	2	0.9999999
## 3834	2	0.9999999
## 3835	2	0.9999999
## 3836	2	0.9999999
## 3837	4	0.9999999
## 3838	4	0.9999999
## 3839	3	0.9999999
## 3840	3	0.9999999
## 3841	2	0.9999999
## 3842	2	0.9999999
## 3843	2	0.9999999
## 3844	2	0.9999999
## 3845	2	0.9999999
## 3846	3	0.9999999
## 3847	4	0.9999999
## 3848	1	0.9999999
## 3849	3	0.9999999
## 3850	2	0.9999999
## 3851	3	0.9999999
## 3852	4	0.9999998
## 3853	1	0.9999999
## 3854	2	0.9999999
## 3855	3	0.9999999
## 3856	2	0.9999999
## 3857	4	0.9999999
## 3858	2	0.9999999
## 3859	1	0.9999999
## 3860	2	0.9999999
## 3861	2	0.9999999
## 3862	3	0.9999999
## 3863	4	0.9999999

## 3864	4	0.9999999
## 3865	3	0.9999999
## 3866	3	0.9999999
## 3867	2	0.9999999
## 3868	3	0.9999999
## 3869	2	0.9999999
## 3870	4	0.9999998
## 3871	3	0.9999999
## 3872	4	0.9999999
## 3873	1	0.9999999
## 3874	2	0.9999999
## 3875	2	0.9999999
## 3876	3	0.9999999
## 3877	2	0.9999999
## 3878	2	0.9999999
## 3879	3	0.9999999
## 3880	4	0.9999999
## 3881	2	0.9999999
## 3882	2	0.9999999
## 3883	2	0.9999999
## 3884	2	0.9999999
## 3885	3	0.9999999
## 3886	2	0.9999999
## 3887	3	0.9999999
## 3888	2	0.9999999
## 3889	2	0.9999999
## 3890	4	0.9999999
## 3891	0	0.9999999
## 3892	4	0.9999999
## 3893	4	0.9999999
## 3894	4	0.9999999
## 3895	3	0.9999999
## 3896	2	0.9999999
## 3897	3	0.9999999
## 3898	2	0.9999999
## 3899	2	0.9999999
## 3900	4	0.9999999
## 3901	3	0.9999999
## 3902	3	0.9999998
## 3903	3	0.9999999
## 3904	2	0.9999999
## 3905	4	0.9999999
## 3906	2	0.9999999
## 3907	2	0.9999999
## 3908	3	0.9999999
## 3909	3	0.9999999
## 3910	1	0.9999998
## 3911	4	0.9999999
## 3912	3	0.9999999
## 3913	3	0.9999999
## 3914	3	0.9999999
## 3915	2	0.9999999
## 3916	3	0.9999998
## 3917	4	0.9999999

## 3918	0	0.9999999
## 3919	2	0.9999999
## 3920	3	0.9999999
## 3921	2	0.9999999
## 3922	2	0.9999999
## 3923	2	0.9999999
## 3924	4	0.9999999
## 3925	3	0.9999999
## 3926	2	0.9999999
## 3927	3	0.9999999
## 3928	1	0.9999999
## 3929	4	0.9999999
## 3930	3	0.9999999
## 3931	1	0.9999999
## 3932	3	0.9999999
## 3933	4	0.9999999
## 3934	3	0.9999999
## 3935	0	0.9999999
## 3936	4	0.9999999
## 3937	2	0.9999999
## 3938	0	0.9999999
## 3939	4	0.9999999
## 3940	2	0.9999999
## 3941	2	0.9999999
## 3942	2	0.9999999
## 3943	4	0.9999999
## 3944	4	0.9999999
## 3945	2	0.9999999
## 3946	4	0.9999999
## 3947	4	0.9999999
## 3948	4	0.9999999
## 3949	4	0.9999999
## 3950	2	0.9999999
## 3951	2	0.9999999
## 3952	4	0.9999999
## 3953	2	0.9999999
## 3954	2	0.9999999
## 3955	3	0.9999999
## 3956	3	0.9999999
## 3957	3	0.9999999
## 3958	4	0.9999999
## 3959	2	0.9999999
## 3960	3	0.9999999
## 3961	2	0.9999999
## 3962	3	0.9999999
## 3963	0	0.9999999
## 3964	3	0.9999999
## 3965	4	0.9999999
## 3966	2	0.9999999
## 3967	4	0.9999999
## 3968	2	0.9999999
## 3969	4	0.9999999
## 3970	4	0.9999999
## 3971	3	0.9999999

## 3972	1	0.9999999
## 3973	2	0.9999999
## 3974	2	0.9999999
## 3975	2	0.9999999
## 3976	4	0.9999999
## 3977	2	0.9999999
## 3978	2	0.9999999
## 3979	4	0.9999999
## 3980	2	0.9999999
## 3981	2	0.9999999
## 3982	4	0.9999999
## 3983	4	0.9999999
## 3984	0	0.9999999
## 3985	3	0.9999999
## 3986	2	0.9999999
## 3987	2	0.9999999
## 3988	2	0.9999999
## 3989	2	0.9999999
## 3990	2	0.9999999
## 3991	4	0.9999999
## 3992	3	0.9999999
## 3993	1	0.9999999
## 3994	3	0.9999999
## 3995	4	0.9999999
## 3996	3	0.9999999
## 3997	2	0.9999999
## 3998	4	0.9999999
## 3999	3	0.9999999
## 4000	2	0.9999999
## 4001	2	0.9999999
## 4002	2	0.9999999
## 4003	3	0.9999999
## 4004	3	0.9999999
## 4005	3	0.9999999
## 4006	3	0.9999999
## 4007	4	0.9999999
## 4008	2	0.9999999
## 4009	3	0.9999999
## 4010	2	0.9999999
## 4011	3	0.9999999
## 4012	2	0.9999999
## 4013	2	0.9999999
## 4014	4	0.9999999
## 4015	2	0.9999999
## 4016	2	0.9999999
## 4017	3	0.9999999
## 4018	4	0.9999999
## 4019	4	0.9999999
## 4020	2	0.9999999
## 4021	4	0.9999999
## 4022	1	0.9999999
## 4023	3	0.9999999
## 4024	2	0.9999999
## 4025	4	0.9999999

## 4026	4	0.9999999
## 4027	1	0.9999999
## 4028	2	0.9999999
## 4029	3	0.9999999
## 4030	4	0.9999999
## 4031	4	0.9999999
## 4032	4	0.9999999
## 4033	2	0.9999999
## 4034	4	0.9999999
## 4035	2	0.9999999
## 4036	4	0.9999999
## 4037	3	0.9999999
## 4038	2	0.9999999
## 4039	3	0.9999999
## 4040	3	0.9999999
## 4041	2	0.9999999
## 4042	4	0.9999999
## 4043	3	0.9999999
## 4044	3	0.9999999
## 4045	4	0.9999999
## 4046	4	0.9999999
## 4047	3	0.9999999
## 4048	2	0.9999999
## 4049	2	0.9999999
## 4050	4	0.9999999
## 4051	4	0.9999999
## 4052	2	0.9999999
## 4053	2	0.9999999
## 4054	2	0.9999999
## 4055	4	0.9999999
## 4056	4	0.9999999
## 4057	2	0.9999999
## 4058	1	0.9999999
## 4059	4	0.9999999
## 4060	3	0.9999999
## 4061	4	0.9999999
## 4062	3	0.9999999
## 4063	3	0.9999999
## 4064	1	0.9999999
## 4065	4	0.9999999
## 4066	3	0.9999999
## 4067	4	0.9999999
## 4068	3	0.9999999
## 4069	4	0.9999998
## 4070	1	0.9999999
## 4071	2	0.9999999
## 4072	2	0.9999998
## 4073	3	0.9999999
## 4074	2	0.9999999
## 4075	2	0.9999999
## 4076	4	0.9999999
## 4077	3	0.9999999
## 4078	2	0.9999999
## 4079	4	0.9999999

## 4080	2	0.9999999
## 4081	1	0.9999999
## 4082	2	0.9999999
## 4083	3	0.9999999
## 4084	2	0.9999999
## 4085	2	0.9999999
## 4086	1	0.9999999
## 4087	4	0.9999999
## 4088	1	0.9999999
## 4089	3	0.9999999
## 4090	2	0.9999999
## 4091	1	0.9999999
## 4092	2	0.9999999
## 4093	3	0.9999999
## 4094	3	0.9999999
## 4095	2	0.9999999
## 4096	1	0.9999999
## 4097	3	0.9999999
## 4098	2	0.9999999
## 4099	2	0.9999999
## 4100	2	0.9999999
## 4101	2	0.9999999
## 4102	2	0.9999999
## 4103	3	0.9999999
## 4104	2	0.9999999
## 4105	4	0.9999999
## 4106	1	0.9999999
## 4107	4	0.9999999
## 4108	4	0.9999999
## 4109	4	0.9999998
## 4110	2	0.9999999
## 4111	2	0.9999999
## 4112	4	0.9999999
## 4113	2	0.9999999
## 4114	2	0.9999999
## 4115	3	0.9999999
## 4116	1	0.9999999
## 4117	2	0.9999999
## 4118	3	0.9999999
## 4119	3	0.9999999
## 4120	2	0.9999999
## 4121	4	0.9999999
## 4122	2	0.9999999
## 4123	3	0.9999999
## 4124	4	0.9999999
## 4125	3	0.9999999
## 4126	2	0.9999999
## 4127	2	0.9999999
## 4128	2	0.9999998
## 4129	2	0.9999999
## 4130	4	0.9999999
## 4131	2	0.9999999
## 4132	2	0.9999999
## 4133	4	0.9999999

## 4134	2	0.9999999
## 4135	2	0.9999999
## 4136	2	0.9999999
## 4137	3	0.9999999
## 4138	2	0.9999999
## 4139	4	0.9999999
## 4140	4	0.9999999
## 4141	1	0.9999999
## 4142	2	0.9999999
## 4143	3	0.9999999
## 4144	2	0.9999999
## 4145	2	0.9999999
## 4146	2	0.9999999
## 4147	2	0.9999999
## 4148	3	0.9999999
## 4149	4	0.9999999
## 4150	2	0.9999999
## 4151	2	0.9999999
## 4152	2	0.9999999
## 4153	1	0.9999999
## 4154	4	0.9999999
## 4155	3	0.9999999
## 4156	0	0.9999999
## 4157	3	0.9999999
## 4158	4	0.9999999
## 4159	3	0.9999999
## 4160	4	0.9999999
## 4161	4	0.9999999
## 4162	4	0.9999999
## 4163	3	0.9999999
## 4164	3	0.9999999
## 4165	3	0.9999999
## 4166	4	0.9999999
## 4167	3	0.9999999
## 4168	3	0.9999999
## 4169	1	0.9999999
## 4170	3	0.9999999
## 4171	3	0.9999999
## 4172	3	0.9999999
## 4173	4	0.9999999
## 4174	3	0.9999999
## 4175	2	0.9999999
## 4176	4	0.9999999
## 4177	3	0.9999999
## 4178	4	0.9999999
## 4179	4	0.9999999
## 4180	4	0.9999999
## 4181	2	0.9999999
## 4182	3	0.9999999
## 4183	2	0.9999999
## 4184	2	0.9999999
## 4185	2	0.9999999
## 4186	2	0.9999999
## 4187	4	0.9999999

## 4188	4	0.9999999
## 4189	1	0.9999999
## 4190	1	0.9999999
## 4191	2	0.9999999
## 4192	3	0.9999999
## 4193	2	0.9999999
## 4194	4	0.9999999
## 4195	3	0.9999999
## 4196	2	0.9999999
## 4197	2	0.9999999
## 4198	3	0.9999999
## 4199	4	0.9999999
## 4200	4	0.9999998
## 4201	4	0.9999999
## 4202	2	0.9999999
## 4203	3	0.9999999
## 4204	3	0.9999999
## 4205	2	0.9999999
## 4206	2	0.9999999
## 4207	3	0.9999999
## 4208	4	0.9999999
## 4209	2	0.9999999
## 4210	4	0.9999999
## 4211	2	0.9999999
## 4212	4	0.9999999
## 4213	0	0.9999999
## 4214	2	0.9999999
## 4215	4	0.9999999
## 4216	1	0.9999999
## 4217	2	0.9999999
## 4218	2	0.9999999
## 4219	2	0.9999999
## 4220	2	0.9999999
## 4221	2	0.9999999
## 4222	1	0.9999999
## 4223	3	0.9999999
## 4224	2	0.9999999
## 4225	1	0.9999999
## 4226	2	0.9999999
## 4227	0	0.9999999
## 4228	3	0.9999998
## 4229	2	0.9999999
## 4230	1	0.9999999
## 4231	3	0.9999999
## 4232	4	0.9999999
## 4233	2	0.9999999
## 4234	3	0.9999999
## 4235	3	0.9999998
## 4236	1	0.9999999
## 4237	2	0.9999999
## 4238	4	0.9999999
## 4239	2	0.9999999
## 4240	3	0.9999998
## 4241	4	0.9999999

## 4242	2	0.9999999
## 4243	3	0.9999999
## 4244	0	0.9999999
## 4245	3	0.9999999
## 4246	4	0.9999999
## 4247	2	0.9999999
## 4248	2	0.9999999
## 4249	2	0.9999999
## 4250	1	0.9999999
## 4251	3	0.9999999
## 4252	3	0.9999999
## 4253	4	0.9999999
## 4254	2	0.9999999
## 4255	4	0.9999999
## 4256	2	0.9999999
## 4257	2	0.9999999
## 4258	1	0.9999999
## 4259	2	0.9999999
## 4260	2	0.9999999
## 4261	4	0.9999999
## 4262	2	0.9999999
## 4263	4	0.9999999
## 4264	3	0.9999999
## 4265	2	0.9999999
## 4266	4	0.9999999
## 4267	1	0.9999998
## 4268	2	0.9999999
## 4269	1	0.9999999
## 4270	2	0.9999999
## 4271	2	0.9999997
## 4272	4	0.9999999
## 4273	2	0.9999999
## 4274	0	0.9999999
## 4275	2	0.9999999
## 4276	3	0.9999999
## 4277	2	0.9999999
## 4278	1	0.9999999
## 4279	2	0.9999999
## 4280	3	0.9999999
## 4281	3	0.9999999
## 4282	3	0.9999999
## 4283	2	0.9999999
## 4284	0	0.9999999
## 4285	2	0.9999999
## 4286	4	0.9999999
## 4287	4	0.9999999
## 4288	3	0.9999999
## 4289	2	0.9999999
## 4290	2	0.9999999
## 4291	3	0.9999999
## 4292	3	0.9999999
## 4293	4	0.9999999
## 4294	2	0.9999999
## 4295	1	0.9999999

## 4296	2	0.9999999
## 4297	4	0.9999999
## 4298	2	0.9999999
## 4299	4	0.9999999
## 4300	3	0.9999999
## 4301	2	0.9999999
## 4302	1	0.9999999
## 4303	4	0.9999999
## 4304	3	0.9999999
## 4305	3	0.9999998
## 4306	2	0.9999999
## 4307	4	0.9999999
## 4308	4	0.9999999
## 4309	2	0.9999999
## 4310	2	0.9999999
## 4311	2	0.9999999
## 4312	1	0.9999999
## 4313	4	0.9999999
## 4314	4	0.9999999
## 4315	3	0.9999999
## 4316	2	0.9999999
## 4317	1	0.9999998
## 4318	3	0.9999999
## 4319	2	0.9999999
## 4320	4	0.9999999
## 4321	3	0.9999999
## 4322	2	0.9999999
## 4323	3	0.9999999
## 4324	4	0.9999999
## 4325	2	0.9999999
## 4326	2	0.9999999
## 4327	2	0.9999999
## 4328	1	0.9999999
## 4329	2	0.9999999
## 4330	4	0.9999999
## 4331	2	0.9999999
## 4332	4	0.9999999
## 4333	4	0.9999998
## 4334	4	0.9999999
## 4335	3	0.9999999
## 4336	2	0.9999999
## 4337	2	0.9999999
## 4338	3	0.9999999
## 4339	3	0.9999999
## 4340	2	0.9999999
## 4341	4	0.9999999
## 4342	1	0.9999999
## 4343	1	0.9999999
## 4344	3	0.9999999
## 4345	3	0.9999999
## 4346	4	0.9999999
## 4347	3	0.9999999
## 4348	2	0.9999999
## 4349	4	0.9999999

## 4350	2	0.9999999
## 4351	2	0.9999999
## 4352	3	0.9999999
## 4353	2	0.9999999
## 4354	1	0.9999999
## 4355	3	0.9999999
## 4356	2	0.9999999
## 4357	2	0.9999999
## 4358	2	0.9999998
## 4359	3	0.9999998
## 4360	3	0.9999999
## 4361	3	0.9999999
## 4362	1	0.9999999
## 4363	4	0.9999999
## 4364	3	0.9999999
## 4365	3	0.9999999
## 4366	3	0.9999999
## 4367	1	0.9999999
## 4368	1	0.9999999
## 4369	2	0.9999999
## 4370	2	0.9999999
## 4371	3	0.9999999
## 4372	2	0.9999999
## 4373	3	0.9999999
## 4374	0	0.9999999
## 4375	1	0.9999999
## 4376	2	0.9999999
## 4377	1	0.9999999
## 4378	4	0.9999999
## 4379	2	0.9999999
## 4380	4	0.9999999
## 4381	2	0.9999998
## 4382	1	0.9999999
## 4383	3	0.9999999
## 4384	3	0.9999998
## 4385	3	0.9999999
## 4386	4	0.9999999
## 4387	1	0.9999999
## 4388	4	0.9999999
## 4389	2	0.9999999
## 4390	3	0.9999999
## 4391	2	0.9999999
## 4392	4	0.9999998
## 4393	2	0.9999999
## 4394	2	0.9999999
## 4395	2	0.9999999
## 4396	2	0.9999999
## 4397	4	0.9999999
## 4398	2	0.9999999
## 4399	2	0.9999999
## 4400	2	0.9999999
## 4401	2	0.9999999
## 4402	2	0.9999999
## 4403	0	0.9999999

## 4404	2	0.9999999
## 4405	4	0.9999999
## 4406	2	0.9999999
## 4407	3	0.9999999
## 4408	2	0.9999999
## 4409	2	0.9999999
## 4410	3	0.9999999
## 4411	2	0.9999999
## 4412	4	0.9999999
## 4413	2	0.9999999
## 4414	2	0.9999999
## 4415	4	0.9999999
## 4416	1	0.9999999
## 4417	3	0.9999999
## 4418	3	0.9999999
## 4419	2	0.9999999
## 4420	3	0.9999998
## 4421	2	0.9999999
## 4422	3	0.9999999
## 4423	4	0.9999999
## 4424	3	0.9999999
## 4425	2	0.9999999
## 4426	1	0.9999999
## 4427	1	0.9999999
## 4428	4	0.9999999
## 4429	3	0.9999999
## 4430	2	0.9999999
## 4431	0	0.9999999
## 4432	2	0.9999999
## 4433	2	0.9999999
## 4434	3	0.9999999
## 4435	3	0.9999999
## 4436	2	0.9999999
## 4437	3	0.9999999
## 4438	4	0.9999999
## 4439	2	0.9999999
## 4440	4	0.9999999
## 4441	2	0.9999999
## 4442	3	0.9999998
## 4443	4	0.9999999
## 4444	2	0.9999999
## 4445	2	0.9999999
## 4446	4	0.9999999
## 4447	3	0.9999999
## 4448	1	0.9999999
## 4449	3	0.9999999
## 4450	3	0.9999999
## 4451	2	0.9999999
## 4452	1	0.9999999
## 4453	2	0.9999999
## 4454	3	0.9999998
## 4455	3	0.9999999
## 4456	3	0.9999998
## 4457	3	0.9999999

## 4458	2	0.9999999
## 4459	2	0.9999999
## 4460	1	0.9999999
## 4461	2	0.9999999
## 4462	0	0.9999999
## 4463	3	0.9999999
## 4464	2	0.9999999
## 4465	4	0.9999999
## 4466	2	0.9999999
## 4467	3	0.9999999
## 4468	3	0.9999999
## 4469	2	0.9999999
## 4470	3	0.9999999
## 4471	4	0.9999999
## 4472	3	0.9999999
## 4473	2	0.9999999
## 4474	3	0.9999999
## 4475	1	0.9999999
## 4476	3	0.9999998
## 4477	2	0.9999999
## 4478	2	0.9999999
## 4479	2	0.9999999
## 4480	2	0.9999999
## 4481	3	0.9999999
## 4482	4	0.9999999
## 4483	3	0.9999999
## 4484	4	0.9999999
## 4485	4	0.9999999
## 4486	4	0.9999999
## 4487	4	0.9999999
## 4488	0	0.9999999
## 4489	4	0.9999999
## 4490	3	0.9999999
## 4491	2	0.9999999
## 4492	3	0.9999999
## 4493	3	0.9999999
## 4494	2	0.9999999
## 4495	2	0.9999999
## 4496	2	0.9999999
## 4497	4	0.9999999
## 4498	3	0.9999999
## 4499	2	0.9999999
## 4500	3	0.9999999
## 4501	2	0.9999999
## 4502	4	0.9999998
## 4503	3	0.9999999
## 4504	1	0.9999999
## 4505	2	0.9999999
## 4506	3	0.9999999
## 4507	1	0.9999999
## 4508	2	0.9999999
## 4509	2	0.9999999
## 4510	4	0.9999999
## 4511	4	0.9999999

## 4512	1	0.9999999
## 4513	4	0.9999999
## 4514	3	0.9999999
## 4515	3	0.9999998
## 4516	3	0.9999999
## 4517	3	0.9999999
## 4518	3	0.9999999
## 4519	3	0.9999999
## 4520	4	0.9999999
## 4521	3	0.9999999
## 4522	3	0.9999999
## 4523	3	0.9999999
## 4524	2	0.9999998
## 4525	2	0.9999999
## 4526	3	0.9999999
## 4527	3	0.9999999
## 4528	3	0.9999998
## 4529	3	0.9999999
## 4530	2	0.9999999
## 4531	3	0.9999999
## 4532	1	0.9999999
## 4533	3	0.9999998
## 4534	2	0.9999998
## 4535	2	0.9999998
## 4536	4	0.9999999
## 4537	2	0.9999999
## 4538	3	0.9999999
## 4539	1	0.9999999
## 4540	0	0.9999999
## 4541	4	0.9999999
## 4542	3	0.9999999
## 4543	2	0.9999999
## 4544	3	0.9999998
## 4545	4	0.9999999
## 4546	2	0.9999999
## 4547	3	0.9999999
## 4548	4	0.9999999
## 4549	3	0.9999999
## 4550	3	0.9999999
## 4551	3	0.9999999
## 4552	2	0.9999999
## 4553	3	0.9999999
## 4554	3	0.9999999
## 4555	3	0.9999999
## 4556	4	0.9999999
## 4557	2	0.9999999
## 4558	4	0.9999999
## 4559	3	0.9999999
## 4560	3	0.9999998
## 4561	4	0.9999999
## 4562	2	0.9999999
## 4563	2	0.9999999
## 4564	4	0.9999999
## 4565	2	0.9999999

## 4566	4	0.9999999
## 4567	1	0.9999999
## 4568	2	0.9999999
## 4569	3	0.9999999
## 4570	1	0.9999999
## 4571	2	0.9999999
## 4572	2	0.9999999
## 4573	2	0.9999999
## 4574	3	0.9999999
## 4575	2	0.9999999
## 4576	4	0.9999999
## 4577	2	0.9999999
## 4578	1	0.9999999
## 4579	3	0.9999999
## 4580	3	0.9999999
## 4581	2	0.9999999
## 4582	4	0.9999999
## 4583	2	0.9999999
## 4584	2	0.9999999
## 4585	3	0.9999999
## 4586	3	0.9999999
## 4587	4	0.9999999
## 4588	4	0.9999999
## 4589	2	0.9999998
## 4590	4	0.9999999
## 4591	3	0.9999998
## 4592	0	0.9999999
## 4593	3	0.9999999
## 4594	2	0.9999999
## 4595	3	0.9999999
## 4596	2	0.9999999
## 4597	1	0.9999999
## 4598	3	0.9999999
## 4599	4	0.9999999
## 4600	3	0.9999999
## 4601	3	0.9999999
## 4602	4	0.9999999
## 4603	2	0.9999999
## 4604	3	0.9999999
## 4605	3	0.9999999
## 4606	4	0.9999999
## 4607	2	0.9999999
## 4608	4	0.9999999
## 4609	2	0.9999999
## 4610	3	0.9999999
## 4611	3	0.9999999
## 4612	2	0.9999999
## 4613	4	0.9999999
## 4614	3	0.9999999
## 4615	3	0.9999998
## 4616	3	0.9999999
## 4617	2	0.9999999
## 4618	2	0.9999999
## 4619	2	0.9999999

## 4620	4	0.9999999
## 4621	4	0.9999999
## 4622	1	0.9999999
## 4623	2	0.9999999
## 4624	3	0.9999999
## 4625	3	0.9999999
## 4626	3	0.9999999
## 4627	3	0.9999999
## 4628	4	0.9999999
## 4629	4	0.9999999
## 4630	1	0.9999999
## 4631	4	0.9999999
## 4632	0	0.9999999
## 4633	4	0.9999998
## 4634	2	0.9999999
## 4635	2	0.9999999
## 4636	2	0.9999998
## 4637	2	0.9999999
## 4638	2	0.9999999
## 4639	2	0.9999999
## 4640	2	0.9999999
## 4641	3	0.9999999
## 4642	3	0.9999999
## 4643	4	0.9999999
## 4644	2	0.9999999
## 4645	4	0.9999999
## 4646	2	0.9999999
## 4647	3	0.9999999
## 4648	3	0.9999999
## 4649	3	0.9999999
## 4650	2	0.9999999
## 4651	2	0.9999999
## 4652	1	0.9999999
## 4653	2	0.9999999
## 4654	3	0.9999999
## 4655	2	0.9999999
## 4656	3	0.9999999
## 4657	4	0.9999999
## 4658	1	0.9999998
## 4659	4	0.9999999
## 4660	2	0.9999999
## 4661	4	0.9999999
## 4662	3	0.9999999
## 4663	4	0.9999999
## 4664	3	0.9999999
## 4665	4	0.9999999
## 4666	2	0.9999999
## 4667	2	0.9999999
## 4668	1	0.9999998
## 4669	2	0.9999999
## 4670	4	0.9999999
## 4671	3	0.9999999
## 4672	2	0.9999999
## 4673	2	0.9999998

## 4674	3	0.9999999
## 4675	4	0.9999999
## 4676	4	0.9999999
## 4677	3	0.9999999
## 4678	3	0.9999999
## 4679	2	0.9999999
## 4680	4	0.9999999
## 4681	4	0.9999999
## 4682	3	0.9999999
## 4683	4	0.9999999
## 4684	4	0.9999999
## 4685	3	0.9999999
## 4686	4	0.9999999
## 4687	3	0.9999999
## 4688	3	0.9999999
## 4689	0	0.9999999
## 4690	3	0.9999999
## 4691	3	0.9999999
## 4692	1	0.9999999
## 4693	2	0.9999999
## 4694	3	0.9999999
## 4695	2	0.9999999
## 4696	3	0.9999999
## 4697	4	0.9999999
## 4698	0	0.9999999
## 4699	2	0.9999999
## 4700	2	0.9999999
## 4701	4	0.9999999
## 4702	3	0.9999998
## 4703	3	0.9999999
## 4704	2	0.9999999
## 4705	3	0.9999999
## 4706	4	0.9999999
## 4707	2	0.9999999
## 4708	3	0.9999999
## 4709	2	0.9999999
## 4710	1	0.9999999
## 4711	3	0.9999999
## 4712	2	0.9999999
## 4713	2	0.9999999
## 4714	4	0.9999999
## 4715	4	0.9999999
## 4716	1	0.9999999
## 4717	4	0.9999999
## 4718	3	0.9999999
## 4719	2	0.9999999
## 4720	2	0.9999999
## 4721	3	0.9999999
## 4722	2	0.9999999
## 4723	2	0.9999999
## 4724	2	0.9999999
## 4725	1	0.9999999
## 4726	2	0.9999999
## 4727	3	0.9999999

## 4728	3	0.9999999
## 4729	4	0.9999999
## 4730	2	0.9999999
## 4731	1	0.9999999
## 4732	4	0.9999999
## 4733	2	0.9999999
## 4734	4	0.9999999
## 4735	3	0.9999999
## 4736	2	0.9999999
## 4737	3	0.9999999
## 4738	3	0.9999999
## 4739	4	0.9999999
## 4740	2	0.9999999
## 4741	2	0.9999999
## 4742	2	0.9999999
## 4743	2	0.9999999
## 4744	4	0.9999999
## 4745	2	0.9999999
## 4746	3	0.9999999
## 4747	3	0.9999999
## 4748	3	0.9999999
## 4749	0	0.9999999
## 4750	4	0.9999999
## 4751	2	0.9999999
## 4752	0	0.9999999
## 4753	3	0.9999999
## 4754	3	0.9999999
## 4755	2	0.9999999
## 4756	4	0.9999999
## 4757	2	0.9999999
## 4758	1	0.9999999
## 4759	4	0.9999999
## 4760	2	0.9999999
## 4761	4	0.9999999
## 4762	2	0.9999999
## 4763	1	0.9999999
## 4764	3	0.9999999
## 4765	2	0.9999999
## 4766	2	0.9999999
## 4767	4	0.9999999
## 4768	2	0.9999999
## 4769	2	0.9999999
## 4770	4	0.9999999
## 4771	2	0.9999999
## 4772	2	0.9999999
## 4773	4	0.9999999
## 4774	4	0.9999999
## 4775	4	0.9999999
## 4776	4	0.9999999
## 4777	2	0.9999999
## 4778	2	0.9999998
## 4779	2	0.9999999
## 4780	4	0.9999999
## 4781	3	0.9999999

## 4782	1	0.9999999
## 4783	3	0.9999999
## 4784	2	0.9999999
## 4785	2	0.9999999
## 4786	3	0.9999999
## 4787	4	0.9999999
## 4788	3	0.9999998
## 4789	2	0.9999999
## 4790	4	0.9999999
## 4791	3	0.9999999
## 4792	2	0.9999999
## 4793	3	0.9999999
## 4794	2	0.9999999
## 4795	4	0.9999999
## 4796	3	0.9999999
## 4797	4	0.9999999
## 4798	3	0.9999999
## 4799	4	0.9999999
## 4800	1	0.9999999
## 4801	4	0.9999999
## 4802	2	0.9999999
## 4803	2	0.9999999
## 4804	2	0.9999999
## 4805	2	0.9999999
## 4806	3	0.9999999
## 4807	2	0.9999999
## 4808	3	0.9999999
## 4809	3	0.9999999
## 4810	4	0.9999999
## 4811	2	0.9999999
## 4812	3	0.9999999
## 4813	4	0.9999999
## 4814	2	0.9999999
## 4815	4	0.9999998
## 4816	3	0.9999999
## 4817	4	0.9999999
## 4818	2	0.9999999
## 4819	1	0.9999999
## 4820	2	0.9999999
## 4821	3	0.9999999
## 4822	2	0.9999999
## 4823	2	0.9999998
## 4824	2	0.9999999
## 4825	3	0.9999999
## 4826	3	0.9999999
## 4827	1	0.9999999
## 4828	2	0.9999999
## 4829	2	0.9999999
## 4830	4	0.9999999
## 4831	2	0.9999999
## 4832	3	0.9999999
## 4833	2	0.9999999
## 4834	2	0.9999999
## 4835	2	0.9999999

## 4836	0	0.9999998
## 4837	1	0.9999999
## 4838	2	0.9999999
## 4839	2	0.9999999
## 4840	4	0.9999999
## 4841	2	0.9999999
## 4842	1	0.9999999
## 4843	3	0.9999998
## 4844	3	0.9999999
## 4845	3	0.9999999
## 4846	2	0.9999999
## 4847	3	0.9999999
## 4848	3	0.9999999
## 4849	4	0.9999999
## 4850	3	0.9999999
## 4851	3	0.9999999
## 4852	3	0.9999999
## 4853	2	0.9999999
## 4854	2	0.9999999
## 4855	2	0.9999999
## 4856	2	0.9999999
## 4857	0	0.9999998
## 4858	2	0.9999999
## 4859	2	0.9999999
## 4860	3	0.9999999
## 4861	0	0.9999999
## 4862	3	0.9999999
## 4863	3	0.9999999
## 4864	3	0.9999999
## 4865	2	0.9999999
## 4866	4	0.9999999
## 4867	4	0.9999999
## 4868	2	0.9999999
## 4869	3	0.9999999
## 4870	2	0.9999999
## 4871	2	0.9999999
## 4872	3	0.9999999
## 4873	2	0.9999999
## 4874	2	0.9999999
## 4875	4	0.9999999
## 4876	1	0.9999999
## 4877	1	0.9999999
## 4878	4	0.9999999
## 4879	4	0.9999999
## 4880	2	0.9999999
## 4881	2	0.9999999
## 4882	2	0.9999999
## 4883	3	0.9999999
## 4884	2	0.9999999
## 4885	4	0.9999999
## 4886	2	0.9999999
## 4887	2	0.9999999
## 4888	2	0.9999999
## 4889	2	0.9999999

## 4890	4	0.9999999
## 4891	4	0.9999999
## 4892	3	0.9999999
## 4893	4	0.9999999
## 4894	3	0.9999998
## 4895	2	0.9999999
## 4896	3	0.9999999
## 4897	2	0.9999998
## 4898	1	0.9999999
## 4899	4	0.9999999
## 4900	4	0.9999999
## 4901	4	0.9999999
## 4902	3	0.9999999
## 4903	2	0.9999999
## 4904	3	0.9999999
## 4905	2	0.9999999
## 4906	3	0.9999999
## 4907	4	0.9999999
## 4908	4	0.9999999
## 4909	4	0.9999999
## 4910	2	0.9999999
## 4911	2	0.9999999
## 4912	4	0.9999999
## 4913	3	0.9999999
## 4914	2	0.9999999
## 4915	1	0.9999999
## 4916	2	0.9999999
## 4917	2	0.9999999
## 4918	2	0.9999999
## 4919	3	0.9999999
## 4920	4	0.9999999
## 4921	2	0.9999999
## 4922	2	0.9999999
## 4923	2	0.9999999
## 4924	3	0.9999999
## 4925	4	0.9999999
## 4926	4	0.9999999
## 4927	2	0.9999999
## 4928	2	0.9999999
## 4929	3	0.9999999
## 4930	0	0.9999999
## 4931	3	0.9999999
## 4932	2	0.9999999
## 4933	2	0.9999999
## 4934	3	0.9999999
## 4935	2	0.9999999
## 4936	3	0.9999999
## 4937	0	0.9999999
## 4938	3	0.9999999
## 4939	4	0.9999999
## 4940	4	0.9999999
## 4941	4	0.9999999
## 4942	2	0.9999999
## 4943	1	0.9999999

## 4944	3	0.9999999
## 4945	3	0.9999999
## 4946	1	0.9999998
## 4947	3	0.9999999
## 4948	4	0.9999999
## 4949	3	0.9999999
## 4950	2	0.9999999
## 4951	4	0.9999999
## 4952	2	0.9999999
## 4953	1	0.9999999
## 4954	4	0.9999999
## 4955	1	0.9999999
## 4956	4	0.9999999
## 4957	0	0.9999999
## 4958	3	0.9999999
## 4959	2	0.9999999
## 4960	4	0.9999999
## 4961	2	0.9999999
## 4962	2	0.9999999
## 4963	3	0.9999999
## 4964	2	0.9999999
## 4965	3	0.9999999
## 4966	0	0.9999999
## 4967	4	0.9999999
## 4968	2	0.9999999
## 4969	4	0.9999999
## 4970	2	0.9999999
## 4971	3	0.9999999
## 4972	4	0.9999999
## 4973	2	0.9999999
## 4974	2	0.9999999
## 4975	1	0.9999999
## 4976	4	0.9999999
## 4977	3	0.9999999
## 4978	2	0.9999999
## 4979	1	0.9999999
## 4980	3	0.9999999
## 4981	3	0.9999999
## 4982	3	0.9999999
## 4983	3	0.9999999
## 4984	2	0.9999999
## 4985	4	0.9999999
## 4986	4	0.9999999
## 4987	3	0.9999999
## 4988	2	0.9999999
## 4989	2	0.9999999
## 4990	2	0.9999999
## 4991	1	0.9999998
## 4992	4	0.9999999
## 4993	4	0.9999999
## 4994	2	0.9999999
## 4995	2	0.9999999
## 4996	2	0.9999999
## 4997	4	0.9999999

## 4998	2	0.9999999
## 4999	3	0.9999999
## 5000	2	0.9999999
## 5001	3	0.9999999
## 5002	3	0.9999999
## 5003	3	0.9999999
## 5004	3	0.9999999
## 5005	4	0.9999999
## 5006	2	0.9999999
## 5007	2	0.9999999
## 5008	4	0.9999999
## 5009	4	0.9999998
## 5010	2	0.9999999
## 5011	0	0.9999999
## 5012	3	0.9999999
## 5013	3	0.9999999
## 5014	2	0.9999999
## 5015	3	0.9999999
## 5016	2	0.9999999
## 5017	3	0.9999998
## 5018	2	0.9999999
## 5019	2	0.9999999
## 5020	2	0.9999999
## 5021	2	0.9999999
## 5022	0	0.9999999
## 5023	2	0.9999999
## 5024	1	0.9999999
## 5025	2	0.9999999
## 5026	2	0.9999999
## 5027	2	0.9999999
## 5028	4	0.9999999
## 5029	4	0.9999999
## 5030	2	0.9999999
## 5031	1	0.9999999
## 5032	2	0.9999999
## 5033	2	0.9999999
## 5034	3	0.9999999
## 5035	4	0.9999999
## 5036	3	0.9999999
## 5037	4	0.9999999
## 5038	4	0.9999999
## 5039	4	0.9999999
## 5040	2	0.9999999
## 5041	4	0.9999999
## 5042	2	0.9999999
## 5043	2	0.9999999
## 5044	2	0.9999999
## 5045	2	0.9999999
## 5046	3	0.9999999
## 5047	3	0.9999999
## 5048	3	0.9999999
## 5049	4	0.9999998
## 5050	2	0.9999999
## 5051	1	0.9999999

## 5052	2	0.9999999
## 5053	4	0.9999999
## 5054	1	0.9999999
## 5055	3	0.9999999
## 5056	4	0.9999999
## 5057	4	0.9999999
## 5058	2	0.9999999
## 5059	1	0.9999999
## 5060	2	0.9999999
## 5061	4	0.9999998
## 5062	4	0.9999999
## 5063	2	0.9999999
## 5064	4	0.9999999
## 5065	2	0.9999999
## 5066	3	0.9999999
## 5067	2	0.9999999
## 5068	4	0.9999999
## 5069	2	0.9999999
## 5070	2	0.9999999
## 5071	2	0.9999999
## 5072	3	0.9999999
## 5073	4	0.9999999
## 5074	1	0.9999999
## 5075	2	0.9999999
## 5076	2	0.9999999
## 5077	3	0.9999999
## 5078	2	0.9999999
## 5079	2	0.9999999
## 5080	4	0.9999999
## 5081	4	0.9999999
## 5082	2	0.9999999
## 5083	3	0.9999999
## 5084	4	0.9999999
## 5085	2	0.9999999
## 5086	2	0.9999999
## 5087	1	0.9999999
## 5088	2	0.9999999
## 5089	3	0.9999999
## 5090	0	0.9999999
## 5091	3	0.9999999
## 5092	1	0.9999999
## 5093	2	0.9999999
## 5094	3	0.9999999
## 5095	3	0.9999999
## 5096	4	0.9999999
## 5097	2	0.9999999
## 5098	1	0.9999999
## 5099	2	0.9999999
## 5100	0	0.9999999
## 5101	2	0.9999999
## 5102	2	0.9999999
## 5103	2	0.9999999
## 5104	4	0.9999999
## 5105	3	0.9999999

## 5106	2	0.9999999
## 5107	2	0.9999999
## 5108	3	0.9999999
## 5109	2	0.9999999
## 5110	3	0.9999998
## 5111	3	0.9999999
## 5112	2	0.9999999
## 5113	3	0.9999999
## 5114	2	0.9999999
## 5115	2	0.9999999
## 5116	2	0.9999999
## 5117	2	0.9999999
## 5118	2	0.9999999
## 5119	4	0.9999999
## 5120	3	0.9999999
## 5121	2	0.9999999
## 5122	4	0.9999999
## 5123	2	0.9999999
## 5124	3	0.9999999
## 5125	3	0.9999998
## 5126	2	0.9999999
## 5127	2	0.9999999
## 5128	2	0.9999999
## 5129	4	0.9999999
## 5130	2	0.9999999
## 5131	2	0.9999999
## 5132	3	0.9999999
## 5133	2	0.9999999
## 5134	3	0.9999999
## 5135	2	0.9999999
## 5136	3	0.9999999
## 5137	4	0.9999999
## 5138	2	0.9999999
## 5139	2	0.9999999
## 5140	4	0.9999999
## 5141	2	0.9999999
## 5142	3	0.9999999
## 5143	0	0.9999999
## 5144	2	0.9999999
## 5145	4	0.9999999
## 5146	4	0.9999999
## 5147	3	0.9999999
## 5148	4	0.9999999
## 5149	3	0.9999999
## 5150	3	0.9999999
## 5151	2	0.9999999
## 5152	1	0.9999999
## 5153	1	0.9999999
## 5154	2	0.9999999
## 5155	3	0.9999999
## 5156	3	0.9999999
## 5157	2	0.9999999
## 5158	2	0.9999999
## 5159	3	0.9999999

## 5160	4	0.9999999
## 5161	4	0.9999998
## 5162	2	0.9999999
## 5163	2	0.9999999
## 5164	2	0.9999998
## 5165	2	0.9999999
## 5166	2	0.9999999
## 5167	2	0.9999999
## 5168	4	0.9999999
## 5169	2	0.9999999
## 5170	1	0.9999999
## 5171	2	0.9999999
## 5172	1	0.9999999
## 5173	2	0.9999999
## 5174	3	0.9999999
## 5175	1	0.9999999
## 5176	4	0.9999999
## 5177	2	0.9999999
## 5178	4	0.9999999
## 5179	2	0.9999999
## 5180	1	0.9999999
## 5181	3	0.9999999
## 5182	3	0.9999999
## 5183	2	0.9999999
## 5184	4	0.9999999
## 5185	4	0.9999999
## 5186	3	0.9999999
## 5187	2	0.9999999
## 5188	2	0.9999999
## 5189	4	0.9999999
## 5190	4	0.9999999
## 5191	2	0.9999999
## 5192	3	0.9999999
## 5193	4	0.9999999
## 5194	2	0.9999999
## 5195	1	0.9999999
## 5196	1	0.9999999
## 5197	2	0.9999999
## 5198	2	0.9999999
## 5199	3	0.9999999
## 5200	2	0.9999999
## 5201	3	0.9999999
## 5202	3	0.9999999
## 5203	2	0.9999999
## 5204	2	0.9999999
## 5205	1	0.9999999
## 5206	3	0.9999999
## 5207	4	0.9999999
## 5208	3	0.9999999
## 5209	2	0.9999999
## 5210	4	0.9999999
## 5211	3	0.9999999
## 5212	4	0.9999999
## 5213	2	0.9999998

## 5214	4	0.9999999
## 5215	2	0.9999999
## 5216	3	0.9999999
## 5217	1	0.9999999
## 5218	2	0.9999999
## 5219	4	0.9999998
## 5220	0	0.9999999
## 5221	2	0.9999999
## 5222	1	0.9999999
## 5223	1	0.9999999
## 5224	2	0.9999999
## 5225	2	0.9999999
## 5226	3	0.9999999
## 5227	2	0.9999999
## 5228	3	0.9999999
## 5229	4	0.9999999
## 5230	2	0.9999999
## 5231	3	0.9999999
## 5232	2	0.9999999
## 5233	4	0.9999999
## 5234	2	0.9999999
## 5235	2	0.9999999
## 5236	4	0.9999999
## 5237	3	0.9999999
## 5238	4	0.9999999
## 5239	3	0.9999999
## 5240	2	0.9999999
## 5241	4	0.9999999
## 5242	3	0.9999999
## 5243	4	0.9999999
## 5244	3	0.9999999
## 5245	2	0.9999999
## 5246	2	0.9999999
## 5247	2	0.9999999
## 5248	2	0.9999999
## 5249	3	0.9999999
## 5250	1	0.9999999
## 5251	3	0.9999999
## 5252	4	0.9999999
## 5253	4	0.9999999
## 5254	0	0.9999999
## 5255	4	0.9999999
## 5256	3	0.9999999
## 5257	3	0.9999999
## 5258	2	0.9999999
## 5259	2	0.9999999
## 5260	4	0.9999999
## 5261	2	0.9999999
## 5262	2	0.9999999
## 5263	4	0.9999999
## 5264	2	0.9999999
## 5265	3	0.9999999
## 5266	4	0.9999999
## 5267	2	0.9999999

## 5268	2	0.9999999
## 5269	2	0.9999998
## 5270	2	0.9999998
## 5271	3	0.9999999
## 5272	4	0.9999999
## 5273	2	0.9999999
## 5274	1	0.9999999
## 5275	3	0.9999999
## 5276	3	0.9999999
## 5277	1	0.9999999
## 5278	4	0.9999999
## 5279	3	0.9999999
## 5280	4	0.9999999
## 5281	4	0.9999999
## 5282	1	0.9999999
## 5283	4	0.9999999
## 5284	3	0.9999999
## 5285	4	0.9999999
## 5286	4	0.9999999
## 5287	1	0.9999999
## 5288	3	0.9999999
## 5289	2	0.9999999
## 5290	2	0.9999999
## 5291	2	0.9999999
## 5292	4	0.9999999
## 5293	2	0.9999999
## 5294	4	0.9999999
## 5295	2	0.9999999
## 5296	2	0.9999999
## 5297	4	0.9999999
## 5298	2	0.9999999
## 5299	2	0.9999999
## 5300	2	0.9999999
## 5301	2	0.9999999
## 5302	2	0.9999999
## 5303	3	0.9999999
## 5304	4	0.9999999
## 5305	4	0.9999999
## 5306	3	0.9999999
## 5307	3	0.9999999
## 5308	2	0.9999999
## 5309	3	0.9999999
## 5310	2	0.9999999
## 5311	3	0.9999999
## 5312	4	0.9999999
## 5313	3	0.9999999
## 5314	4	0.9999999
## 5315	2	0.9999999
## 5316	3	0.9999999
## 5317	2	0.9999999
## 5318	3	0.9999999
## 5319	3	0.9999999
## 5320	3	0.9999999
## 5321	1	0.9999999

## 5322	2	0.9999999
## 5323	1	0.9999999
## 5324	1	0.9999999
## 5325	0	0.9999999
## 5326	3	0.9999999
## 5327	2	0.9999999
## 5328	3	0.9999999
## 5329	3	0.9999999
## 5330	4	0.9999999
## 5331	0	0.9999999
## 5332	3	0.9999999
## 5333	3	0.9999999
## 5334	4	0.9999999
## 5335	4	0.9999999
## 5336	2	0.9999999
## 5337	4	0.9999999
## 5338	2	0.9999999
## 5339	2	0.9999999
## 5340	2	0.9999999
## 5341	3	0.9999999
## 5342	2	0.9999999
## 5343	4	0.9999999
## 5344	2	0.9999999
## 5345	3	0.9999999
## 5346	2	0.9999999
## 5347	2	0.9999999
## 5348	0	0.9999999
## 5349	4	0.9999999
## 5350	4	0.9999998
## 5351	3	0.9999999
## 5352	2	0.9999999
## 5353	1	0.9999999
## 5354	3	0.9999999
## 5355	2	0.9999999
## 5356	1	0.9999999
## 5357	4	0.9999998
## 5358	4	0.9999999
## 5359	3	0.9999999
## 5360	2	0.9999999
## 5361	4	0.9999999
## 5362	3	0.9999999
## 5363	3	0.9999999
## 5364	2	0.9999999
## 5365	0	0.9999999
## 5366	3	0.9999999
## 5367	4	0.9999998
## 5368	3	0.9999999
## 5369	4	0.9999999
## 5370	4	0.9999999
## 5371	2	0.9999999
## 5372	4	0.9999999
## 5373	3	0.9999999
## 5374	4	0.9999999
## 5375	2	0.9999999

## 5376	3	0.9999999
## 5377	4	0.9999999
## 5378	4	0.9999999
## 5379	4	0.9999999
## 5380	4	0.9999999
## 5381	1	0.9999999
## 5382	3	0.9999999
## 5383	2	0.9999999
## 5384	4	0.9999999
## 5385	3	0.9999999
## 5386	4	0.9999999
## 5387	2	0.9999999
## 5388	0	0.9999998
## 5389	2	0.9999999
## 5390	2	0.9999999
## 5391	2	0.9999999
## 5392	2	0.9999999
## 5393	1	0.9999999
## 5394	4	0.9999999
## 5395	2	0.9999999
## 5396	3	0.9999999
## 5397	2	0.9999999
## 5398	3	0.9999999
## 5399	2	0.9999999
## 5400	2	0.9999999
## 5401	3	0.9999999
## 5402	4	0.9999999
## 5403	4	0.9999999
## 5404	4	0.9999999
## 5405	3	0.9999999
## 5406	4	0.9999999
## 5407	1	0.9999999
## 5408	1	0.9999998
## 5409	4	0.9999999
## 5410	2	0.9999999
## 5411	3	0.9999999
## 5412	4	0.9999999
## 5413	4	0.9999999
## 5414	2	0.9999999
## 5415	3	0.9999999
## 5416	3	0.9999999
## 5417	4	0.9999999
## 5418	4	0.9999999
## 5419	4	0.9999998
## 5420	3	0.9999999
## 5421	4	0.9999999
## 5422	3	0.9999999
## 5423	1	0.9999999
## 5424	2	0.9999999
## 5425	2	0.9999999
## 5426	2	0.9999999
## 5427	3	0.9999998
## 5428	4	0.9999999
## 5429	3	0.9999999

## 5430	2	0.9999999
## 5431	3	0.9999999
## 5432	1	0.9999999
## 5433	4	0.9999999
## 5434	1	0.9999999
## 5435	2	0.9999999
## 5436	3	0.9999999
## 5437	3	0.9999999
## 5438	2	0.9999999
## 5439	2	0.9999999
## 5440	3	0.9999999
## 5441	4	0.9999999
## 5442	2	0.9999998
## 5443	2	0.9999999
## 5444	2	0.9999999
## 5445	2	0.9999999
## 5446	3	0.9999999
## 5447	4	0.9999999
## 5448	4	0.9999999
## 5449	4	0.9999999
## 5450	4	0.9999999
## 5451	1	0.9999999
## 5452	2	0.9999999
## 5453	4	0.9999999
## 5454	4	0.9999999
## 5455	4	0.9999999
## 5456	3	0.9999999
## 5457	4	0.9999999
## 5458	2	0.9999999
## 5459	2	0.9999999
## 5460	1	0.9999999
## 5461	0	0.9999999
## 5462	2	0.9999999
## 5463	2	0.9999999
## 5464	2	0.9999999
## 5465	1	0.9999999
## 5466	4	0.9999999
## 5467	0	0.9999999
## 5468	4	0.9999999
## 5469	2	0.9999999
## 5470	2	0.9999999
## 5471	4	0.9999999
## 5472	2	0.9999999
## 5473	4	0.9999999
## 5474	1	0.9999999
## 5475	2	0.9999999
## 5476	2	0.9999999
## 5477	1	0.9999999
## 5478	1	0.9999999
## 5479	2	0.9999999
## 5480	4	0.9999999
## 5481	3	0.9999999
## 5482	4	0.9999999
## 5483	2	0.9999999

## 5484	2	0.9999999
## 5485	2	0.9999999
## 5486	2	0.9999999
## 5487	2	0.9999999
## 5488	3	0.9999999
## 5489	1	0.9999998
## 5490	4	0.9999999
## 5491	2	0.9999999
## 5492	4	0.9999999
## 5493	1	0.9999999
## 5494	3	0.9999999
## 5495	4	0.9999999
## 5496	2	0.9999999
## 5497	2	0.9999999
## 5498	2	0.9999999
## 5499	4	0.9999999
## 5500	2	0.9999999
## 5501	2	0.9999999
## 5502	2	0.9999999
## 5503	3	0.9999999
## 5504	2	0.9999999
## 5505	4	0.9999999
## 5506	4	0.9999999
## 5507	3	0.9999999
## 5508	4	0.9999998
## 5509	4	0.9999999
## 5510	3	0.9999999
## 5511	2	0.9999999
## 5512	2	0.9999999
## 5513	4	0.9999999
## 5514	2	0.9999999
## 5515	2	0.9999999
## 5516	4	0.9999999
## 5517	2	0.9999999
## 5518	3	0.9999999
## 5519	2	0.9999999
## 5520	2	0.9999999
## 5521	4	0.9999999
## 5522	1	0.9999999
## 5523	4	0.9999999
## 5524	3	0.9999999
## 5525	3	0.9999999
## 5526	2	0.9999999
## 5527	4	0.9999999
## 5528	2	0.9999999
## 5529	2	0.9999999
## 5530	1	0.9999999
## 5531	2	0.9999999
## 5532	2	0.9999999
## 5533	2	0.9999999
## 5534	3	0.9999999
## 5535	2	0.9999999
## 5536	2	0.9999999
## 5537	2	0.9999999

## 5538	2	0.9999999
## 5539	2	0.9999999
## 5540	2	0.9999999
## 5541	2	0.9999999
## 5542	3	0.9999999
## 5543	2	0.9999999
## 5544	3	0.9999998
## 5545	4	0.9999999
## 5546	4	0.9999999
## 5547	1	0.9999999
## 5548	2	0.9999999
## 5549	2	0.9999999
## 5550	4	0.9999999
## 5551	2	0.9999999
## 5552	4	0.9999999
## 5553	2	0.9999999
## 5554	3	0.9999999
## 5555	2	0.9999999
## 5556	3	0.9999999
## 5557	2	0.9999999
## 5558	2	0.9999999
## 5559	2	0.9999999
## 5560	2	0.9999999
## 5561	4	0.9999999
## 5562	4	0.9999999
## 5563	4	0.9999999
## 5564	2	0.9999999
## 5565	4	0.9999999
## 5566	3	0.9999999
## 5567	2	0.9999999
## 5568	4	0.9999999
## 5569	3	0.9999999
## 5570	2	0.9999999
## 5571	2	0.9999999
## 5572	4	0.9999999
## 5573	2	0.9999999
## 5574	3	0.9999999
## 5575	2	0.9999999
## 5576	1	0.9999999
## 5577	2	0.9999999
## 5578	3	0.9999999
## 5579	4	0.9999999
## 5580	2	0.9999999
## 5581	4	0.9999999
## 5582	3	0.9999999
## 5583	4	0.9999999
## 5584	2	0.9999999
## 5585	4	0.9999999
## 5586	4	0.9999999
## 5587	3	0.9999999
## 5588	3	0.9999999
## 5589	2	0.9999999
## 5590	3	0.9999999
## 5591	3	0.9999999

## 5592	0	0.9999999
## 5593	1	0.9999999
## 5594	3	0.9999999
## 5595	3	0.9999999
## 5596	2	0.9999999
## 5597	3	0.9999999
## 5598	2	0.9999998
## 5599	4	0.9999999
## 5600	2	0.9999999
## 5601	2	0.9999999
## 5602	2	0.9999999
## 5603	2	0.9999999
## 5604	4	0.9999999
## 5605	2	0.9999999
## 5606	4	0.9999999
## 5607	0	0.9999999
## 5608	2	0.9999999
## 5609	2	0.9999999
## 5610	2	0.9999999
## 5611	3	0.9999999
## 5612	1	0.9999998
## 5613	3	0.9999999
## 5614	2	0.9999999
## 5615	4	0.9999999
## 5616	3	0.9999999
## 5617	2	0.9999999
## 5618	4	0.9999999
## 5619	2	0.9999999
## 5620	2	0.9999998
## 5621	4	0.9999999
## 5622	4	0.9999999
## 5623	4	0.9999999
## 5624	3	0.9999999
## 5625	1	0.9999999
## 5626	2	0.9999999
## 5627	2	0.9999999
## 5628	4	0.9999999
## 5629	3	0.9999999
## 5630	3	0.9999999
## 5631	4	0.9999999
## 5632	4	0.9999999
## 5633	1	0.9999999
## 5634	2	0.9999999
## 5635	1	0.9999999
## 5636	3	0.9999999
## 5637	4	0.9999999
## 5638	2	0.9999999
## 5639	0	0.9999999
## 5640	2	0.9999999
## 5641	2	0.9999999
## 5642	2	0.9999999
## 5643	3	0.9999999
## 5644	2	0.9999999
## 5645	2	0.9999999

## 5646	1	0.9999999
## 5647	3	0.9999999
## 5648	2	0.9999999
## 5649	3	0.9999999
## 5650	2	0.9999999
## 5651	3	0.9999999
## 5652	3	0.9999999
## 5653	3	0.9999999
## 5654	4	0.9999999
## 5655	1	0.9999999
## 5656	4	0.9999999
## 5657	3	0.9999999
## 5658	2	0.9999999
## 5659	3	0.9999999
## 5660	2	0.9999999
## 5661	4	0.9999999
## 5662	1	0.9999999
## 5663	3	0.9999999
## 5664	4	0.9999999
## 5665	2	0.9999999
## 5666	0	0.9999999
## 5667	4	0.9999999
## 5668	4	0.9999999
## 5669	3	0.9999999
## 5670	2	0.9999998
## 5671	2	0.9999999
## 5672	1	0.9999999
## 5673	3	0.9999999
## 5674	2	0.9999999
## 5675	4	0.9999999
## 5676	2	0.9999999
## 5677	3	0.9999999
## 5678	4	0.9999999
## 5679	4	0.9999999
## 5680	2	0.9999999
## 5681	4	0.9999999
## 5682	2	0.9999999
## 5683	3	0.9999999
## 5684	2	0.9999999
## 5685	3	0.9999999
## 5686	3	0.9999999
## 5687	2	0.9999999
## 5688	2	0.9999999
## 5689	2	0.9999999
## 5690	1	0.9999999
## 5691	2	0.9999999
## 5692	4	0.9999998
## 5693	4	0.9999999
## 5694	2	0.9999999
## 5695	3	0.9999999
## 5696	2	0.9999999
## 5697	2	0.9999999
## 5698	2	0.9999999
## 5699	1	0.9999999

## 5700	1	0.9999999
## 5701	1	0.9999999
## 5702	3	0.9999999
## 5703	3	0.9999999
## 5704	2	0.9999999
## 5705	2	0.9999998
## 5706	2	0.9999999
## 5707	2	0.9999999
## 5708	2	0.9999999
## 5709	2	0.9999999
## 5710	0	0.9999999
## 5711	2	0.9999999
## 5712	3	0.9999999
## 5713	2	0.9999999
## 5714	4	0.9999999
## 5715	3	0.9999999
## 5716	3	0.9999999
## 5717	3	0.9999999
## 5718	4	0.9999999
## 5719	2	0.9999999
## 5720	4	0.9999999
## 5721	0	0.9999999
## 5722	4	0.9999999
## 5723	2	0.9999999
## 5724	4	0.9999999
## 5725	4	0.9999999
## 5726	4	0.9999999
## 5727	4	0.9999999
## 5728	2	0.9999999
## 5729	2	0.9999999
## 5730	2	0.9999999
## 5731	2	0.9999999
## 5732	1	0.9999999
## 5733	3	0.9999999
## 5734	2	0.9999999
## 5735	3	0.9999999
## 5736	3	0.9999999
## 5737	2	0.9999999
## 5738	1	0.9999999
## 5739	3	0.9999999
## 5740	1	0.9999999
## 5741	2	0.9999999
## 5742	4	0.9999999
## 5743	1	0.9999999
## 5744	3	0.9999999
## 5745	2	0.9999999
## 5746	3	0.9999999
## 5747	3	0.9999999
## 5748	3	0.9999999
## 5749	1	0.9999999
## 5750	2	0.9999999
## 5751	2	0.9999999
## 5752	2	0.9999999
## 5753	1	0.9999998

## 5754	1	0.9999998
## 5755	2	0.9999999
## 5756	2	0.9999999
## 5757	3	0.9999999
## 5758	4	0.9999999
## 5759	2	0.9999999
## 5760	3	0.9999999
## 5761	4	0.9999999
## 5762	3	0.9999999
## 5763	3	0.9999999
## 5764	4	0.9999999
## 5765	4	0.9999999
## 5766	4	0.9999999
## 5767	2	0.9999999
## 5768	4	0.9999999
## 5769	2	0.9999999
## 5770	2	0.9999999
## 5771	4	0.9999999
## 5772	4	0.9999999
## 5773	3	0.9999999
## 5774	0	0.9999998
## 5775	2	0.9999999
## 5776	0	0.9999999
## 5777	2	0.9999999
## 5778	2	0.9999999
## 5779	4	0.9999999
## 5780	4	0.9999999
## 5781	4	0.9999999
## 5782	3	0.9999998
## 5783	3	0.9999999
## 5784	4	0.9999999
## 5785	2	0.9999999
## 5786	1	0.9999998
## 5787	3	0.9999999
## 5788	2	0.9999999
## 5789	3	0.9999999
## 5790	4	0.9999999
## 5791	1	0.9999999
## 5792	2	0.9999998
## 5793	2	0.9999999
## 5794	2	0.9999999
## 5795	3	0.9999999
## 5796	2	0.9999999
## 5797	3	0.9999999
## 5798	2	0.9999999
## 5799	2	0.9999999
## 5800	3	0.9999999
## 5801	2	0.9999998
## 5802	2	0.9999999
## 5803	3	0.9999999
## 5804	2	0.9999999
## 5805	3	0.9999999
## 5806	4	0.9999999
## 5807	3	0.9999998

## 5808	2	0.9999999
## 5809	2	0.9999999
## 5810	3	0.9999999
## 5811	2	0.9999999
## 5812	2	0.9999999
## 5813	2	0.9999999
## 5814	2	0.9999999
## 5815	2	0.9999999
## 5816	1	0.9999999
## 5817	0	0.9999999
## 5818	2	0.9999999
## 5819	3	0.9999999
## 5820	0	0.9999999
## 5821	2	0.9999999
## 5822	3	0.9999999
## 5823	3	0.9999999
## 5824	3	0.9999999
## 5825	2	0.9999999
## 5826	3	0.9999999
## 5827	2	0.9999999
## 5828	4	0.9999999
## 5829	3	0.9999999
## 5830	4	0.9999999
## 5831	3	0.9999999
## 5832	2	0.9999999
## 5833	3	0.9999999
## 5834	2	0.9999999
## 5835	4	0.9999999
## 5836	1	0.9999999
## 5837	1	0.9999999
## 5838	0	0.9999999
## 5839	4	0.9999999
## 5840	4	0.9999999
## 5841	1	0.9999999
## 5842	3	0.9999999
## 5843	3	0.9999999
## 5844	2	0.9999999
## 5845	3	0.9999999
## 5846	2	0.9999999
## 5847	3	0.9999999
## 5848	3	0.9999999
## 5849	3	0.9999999
## 5850	4	0.9999999
## 5851	4	0.9999999
## 5852	3	0.9999999
## 5853	3	0.9999998
## 5854	2	0.9999999
## 5855	2	0.9999999
## 5856	3	0.9999999
## 5857	3	0.9999999
## 5858	2	0.9999999
## 5859	4	0.9999999
## 5860	2	0.9999999
## 5861	2	0.9999999

## 5862	2	0.9999999
## 5863	2	0.9999999
## 5864	1	0.9999999
## 5865	4	0.9999999
## 5866	2	0.9999999
## 5867	3	0.9999999
## 5868	2	0.9999999
## 5869	4	0.9999999
## 5870	3	0.9999999
## 5871	4	0.9999999
## 5872	2	0.9999999
## 5873	2	0.9999999
## 5874	3	0.9999999
## 5875	4	0.9999999
## 5876	4	0.9999999
## 5877	2	0.9999999
## 5878	1	0.9999999
## 5879	2	0.9999999
## 5880	3	0.9999999
## 5881	3	0.9999999
## 5882	2	0.9999999
## 5883	2	0.9999999
## 5884	2	0.9999999
## 5885	2	0.9999999
## 5886	4	0.9999999
## 5887	2	0.9999999
## 5888	4	0.9999999
## 5889	4	0.9999999
## 5890	2	0.9999999
## 5891	4	0.9999999
## 5892	2	0.9999999
## 5893	0	0.9999999
## 5894	4	0.9999999
## 5895	2	0.9999999
## 5896	3	0.9999998
## 5897	2	0.9999999
## 5898	3	0.9999998
## 5899	4	0.9999999
## 5900	2	0.9999999
## 5901	3	0.9999999
## 5902	2	0.9999998
## 5903	4	0.9999999
## 5904	2	0.9999999
## 5905	2	0.9999999
## 5906	4	0.9999999
## 5907	1	0.9999999
## 5908	4	0.9999999
## 5909	3	0.9999999
## 5910	2	0.9999999
## 5911	4	0.9999999
## 5912	3	0.9999999
## 5913	2	0.9999999
## 5914	4	0.9999999
## 5915	2	0.9999999

## 5916	4	0.9999999
## 5917	2	0.9999999
## 5918	3	0.9999999
## 5919	4	0.9999999
## 5920	2	0.9999999
## 5921	2	0.9999999
## 5922	2	0.9999999
## 5923	1	0.9999999
## 5924	2	0.9999999
## 5925	3	0.9999999
## 5926	2	0.9999999
## 5927	3	0.9999999
## 5928	2	0.9999999
## 5929	1	0.9999999
## 5930	2	0.9999999
## 5931	2	0.9999998
## 5932	2	0.9999998
## 5933	2	0.9999999
## 5934	3	0.9999999
## 5935	3	0.9999999
## 5936	1	0.9999999
## 5937	4	0.9999999
## 5938	3	0.9999998
## 5939	4	0.9999999
## 5940	2	0.9999999
## 5941	4	0.9999999
## 5942	2	0.9999998
## 5943	2	0.9999999
## 5944	3	0.9999999
## 5945	2	0.9999999
## 5946	3	0.9999999
## 5947	3	0.9999999
## 5948	3	0.9999999
## 5949	4	0.9999999
## 5950	1	0.9999999
## 5951	1	0.9999998
## 5952	4	0.9999999
## 5953	2	0.9999999
## 5954	2	0.9999998
## 5955	4	0.9999999
## 5956	3	0.9999999
## 5957	2	0.9999999
## 5958	1	0.9999999
## 5959	2	0.9999999
## 5960	0	0.9999999
## 5961	4	0.9999999
## 5962	3	0.9999999
## 5963	2	0.9999999
## 5964	2	0.9999999
## 5965	2	0.9999999
## 5966	2	0.9999999
## 5967	4	0.9999999
## 5968	3	0.9999999
## 5969	4	0.9999999

## 5970	2	0.9999999
## 5971	3	0.9999999
## 5972	1	0.9999999
## 5973	2	0.9999999
## 5974	2	0.9999998
## 5975	3	0.9999999
## 5976	2	0.9999999
## 5977	4	0.9999999
## 5978	4	0.9999999
## 5979	2	0.9999999
## 5980	3	0.9999999
## 5981	0	0.9999999
## 5982	2	0.9999999
## 5983	0	0.9999999
## 5984	3	0.9999999
## 5985	2	0.9999999
## 5986	1	0.9999999
## 5987	2	0.9999999
## 5988	2	0.9999999
## 5989	2	0.9999999
## 5990	2	0.9999999
## 5991	3	0.9999999
## 5992	2	0.9999999
## 5993	2	0.9999999
## 5994	4	0.9999999
## 5995	2	0.9999999
## 5996	3	0.9999999
## 5997	3	0.9999999
## 5998	2	0.9999999
## 5999	4	0.9999999
## 6000	2	0.9999999
## 6001	3	0.9999999
## 6002	2	0.9999999
## 6003	3	0.9999999
## 6004	2	0.9999999
## 6005	2	0.9999999
## 6006	2	0.9999999
## 6007	1	0.9999999
## 6008	2	0.9999999
## 6009	4	0.9999999
## 6010	4	0.9999999
## 6011	3	0.9999999
## 6012	2	0.9999999
## 6013	1	0.9999999
## 6014	4	0.9999999
## 6015	0	0.9999998
## 6016	4	0.9999999
## 6017	2	0.9999999
## 6018	3	0.9999999
## 6019	2	0.9999999
## 6020	2	0.9999999
## 6021	1	0.9999999
## 6022	2	0.9999999
## 6023	2	0.9999999

## 6024	2	0.9999999
## 6025	2	0.9999999
## 6026	2	0.9999999
## 6027	2	0.9999999
## 6028	2	0.9999999
## 6029	2	0.9999999
## 6030	2	0.9999999
## 6031	2	0.9999999
## 6032	3	0.9999999
## 6033	1	0.9999999
## 6034	3	0.9999999
## 6035	1	0.9999999
## 6036	4	0.9999999
## 6037	2	0.9999999
## 6038	4	0.9999999
## 6039	3	0.9999999
## 6040	3	0.9999999
## 6041	2	0.9999999
## 6042	2	0.9999999
## 6043	3	0.9999999
## 6044	3	0.9999999
## 6045	1	0.9999999
## 6046	4	0.9999999
## 6047	4	0.9999999
## 6048	2	0.9999999
## 6049	4	0.9999999
## 6050	4	0.9999999
## 6051	3	0.9999999
## 6052	0	0.9999999
## 6053	3	0.9999999
## 6054	2	0.9999999
## 6055	4	0.9999999
## 6056	4	0.9999999
## 6057	4	0.9999999
## 6058	4	0.9999998
## 6059	3	0.9999999
## 6060	2	0.9999999
## 6061	4	0.9999999
## 6062	2	0.9999999
## 6063	3	0.9999999
## 6064	2	0.9999999
## 6065	2	0.9999999
## 6066	4	0.9999999
## 6067	0	0.9999999
## 6068	4	0.9999999
## 6069	1	0.9999999
## 6070	3	0.9999999
## 6071	3	0.9999999
## 6072	3	0.9999999
## 6073	3	0.9999999
## 6074	3	0.9999999
## 6075	1	0.9999999
## 6076	2	0.9999998
## 6077	2	0.9999999

## 6078	1	0.9999999
## 6079	3	0.9999999
## 6080	2	0.9999999
## 6081	2	0.9999999
## 6082	4	0.9999999
## 6083	2	0.9999999
## 6084	4	0.9999999
## 6085	3	0.9999999
## 6086	4	0.9999999
## 6087	4	0.9999999
## 6088	2	0.9999999
## 6089	4	0.9999999
## 6090	3	0.9999999
## 6091	3	0.9999999
## 6092	3	0.9999999
## 6093	1	0.9999999
## 6094	2	0.9999999
## 6095	2	0.9999999
## 6096	3	0.9999999
## 6097	3	0.9999999
## 6098	3	0.9999999
## 6099	2	0.9999999
## 6100	2	0.9999999
## 6101	0	0.9999999
## 6102	2	0.9999999
## 6103	2	0.9999999
## 6104	3	0.9999999
## 6105	4	0.9999998
## 6106	2	0.9999999
## 6107	2	0.9999999
## 6108	2	0.9999999
## 6109	4	0.9999999
## 6110	1	0.9999999
## 6111	2	0.9999999
## 6112	2	0.9999999
## 6113	2	0.9999999
## 6114	3	0.9999999
## 6115	2	0.9999999
## 6116	4	0.9999999
## 6117	2	0.9999999
## 6118	2	0.9999999
## 6119	2	0.9999999
## 6120	4	0.9999999
## 6121	4	0.9999999
## 6122	2	0.9999999
## 6123	2	0.9999999
## 6124	4	0.9999999
## 6125	2	0.9999999
## 6126	2	0.9999999
## 6127	4	0.9999999
## 6128	4	0.9999999
## 6129	4	0.9999999
## 6130	1	0.9999999
## 6131	3	0.9999999

## 6132	2	0.9999999
## 6133	2	0.9999999
## 6134	0	0.9999999
## 6135	4	0.9999999
## 6136	2	0.9999999
## 6137	3	0.9999999
## 6138	3	0.9999999
## 6139	2	0.9999999
## 6140	2	0.9999999
## 6141	2	0.9999999
## 6142	2	0.9999999
## 6143	3	0.9999999
## 6144	2	0.9999999
## 6145	4	0.9999998
## 6146	2	0.9999999
## 6147	2	0.9999999
## 6148	1	0.9999999
## 6149	3	0.9999999
## 6150	4	0.9999999
## 6151	2	0.9999999
## 6152	2	0.9999999
## 6153	2	0.9999999
## 6154	4	0.9999999
## 6155	3	0.9999999
## 6156	2	0.9999999
## 6157	0	0.9999999
## 6158	4	0.9999999
## 6159	4	0.9999999
## 6160	2	0.9999999
## 6161	2	0.9999999
## 6162	4	0.9999999
## 6163	4	0.9999999
## 6164	3	0.9999999
## 6165	3	0.9999999
## 6166	1	0.9999999
## 6167	2	0.9999999
## 6168	4	0.9999999
## 6169	3	0.9999999
## 6170	2	0.9999999
## 6171	4	0.9999999
## 6172	2	0.9999999
## 6173	4	0.9999999
## 6174	2	0.9999999
## 6175	4	0.9999999
## 6176	4	0.9999999
## 6177	2	0.9999999
## 6178	4	0.9999999
## 6179	4	0.9999999
## 6180	3	0.9999999
## 6181	2	0.9999999
## 6182	2	0.9999999
## 6183	2	0.9999999
## 6184	4	0.9999999
## 6185	2	0.9999999

## 6186	2	0.9999999
## 6187	4	0.9999999
## 6188	3	0.9999999
## 6189	2	0.9999999
## 6190	3	0.9999999
## 6191	2	0.9999999
## 6192	3	0.9999999
## 6193	4	0.9999999
## 6194	2	0.9999999
## 6195	2	0.9999999
## 6196	3	0.9999999
## 6197	3	0.9999999
## 6198	4	0.9999999
## 6199	1	0.9999998
## 6200	0	0.9999999
## 6201	4	0.9999999
## 6202	2	0.9999999
## 6203	3	0.9999999
## 6204	4	0.9999999
## 6205	3	0.9999999
## 6206	4	0.9999999
## 6207	0	0.9999999
## 6208	1	0.9999999
## 6209	1	0.9999999
## 6210	4	0.9999999
## 6211	2	0.9999999
## 6212	3	0.9999999
## 6213	1	0.9999999
## 6214	4	0.9999999
## 6215	2	0.9999999
## 6216	3	0.9999999
## 6217	4	0.9999999
## 6218	3	0.9999999
## 6219	4	0.9999999
## 6220	2	0.9999999
## 6221	2	0.9999999
## 6222	2	0.9999999
## 6223	4	0.9999999
## 6224	2	0.9999999
## 6225	4	0.9999999
## 6226	4	0.9999999
## 6227	2	0.9999999
## 6228	3	0.9999999
## 6229	3	0.9999999
## 6230	2	0.9999999
## 6231	1	0.9999999
## 6232	3	0.9999999
## 6233	4	0.9999999
## 6234	4	0.9999999
## 6235	2	0.9999999
## 6236	3	0.9999999
## 6237	2	0.9999999
## 6238	4	0.9999999
## 6239	1	0.9999999

## 6240	2	0.9999999
## 6241	2	0.9999999
## 6242	3	0.9999999
## 6243	2	0.9999999
## 6244	4	0.9999999
## 6245	4	0.9999999
## 6246	4	0.9999999
## 6247	2	0.9999999
## 6248	4	0.9999999
## 6249	4	0.9999999
## 6250	3	0.9999999
## 6251	2	0.9999999
## 6252	2	0.9999999
## 6253	3	0.9999999
## 6254	3	0.9999999
## 6255	3	0.9999999
## 6256	1	0.9999999
## 6257	4	0.9999999
## 6258	3	0.9999999
## 6259	1	0.9999998
## 6260	3	0.9999999
## 6261	3	0.9999999
## 6262	2	0.9999999
## 6263	1	0.9999999
## 6264	4	0.9999999
## 6265	2	0.9999999
## 6266	2	0.9999999
## 6267	4	0.9999999
## 6268	2	0.9999999
## 6269	4	0.9999999
## 6270	3	0.9999999
## 6271	4	0.9999999
## 6272	3	0.9999999
## 6273	2	0.9999999
## 6274	2	0.9999998
## 6275	2	0.9999999
## 6276	2	0.9999999
## 6277	1	0.9999999
## 6278	4	0.9999999
## 6279	2	0.9999999
## 6280	3	0.9999999
## 6281	4	0.9999999
## 6282	2	0.9999999
## 6283	3	0.9999999
## 6284	2	0.9999999
## 6285	4	0.9999999
## 6286	2	0.9999999
## 6287	4	0.9999999
## 6288	2	0.9999999
## 6289	2	0.9999999
## 6290	2	0.9999999
## 6291	3	0.9999999
## 6292	0	0.9999999
## 6293	3	0.9999999

## 6294	2	0.9999999
## 6295	2	0.9999999
## 6296	4	0.9999999
## 6297	2	0.9999999
## 6298	2	0.9999999
## 6299	2	0.9999999
## 6300	3	0.9999999
## 6301	4	0.9999999
## 6302	2	0.9999999
## 6303	4	0.9999999
## 6304	2	0.9999999
## 6305	2	0.9999999
## 6306	4	0.9999999
## 6307	3	0.9999999
## 6308	3	0.9999999
## 6309	4	0.9999999
## 6310	2	0.9999999
## 6311	4	0.9999999
## 6312	3	0.9999999
## 6313	3	0.9999999
## 6314	2	0.9999999
## 6315	0	0.9999999
## 6316	4	0.9999998
## 6317	4	0.9999999
## 6318	2	0.9999999
## 6319	2	0.9999999
## 6320	4	0.9999999
## 6321	2	0.9999999
## 6322	4	0.9999999
## 6323	3	0.9999999
## 6324	1	0.9999999
## 6325	3	0.9999999
## 6326	3	0.9999998
## 6327	2	0.9999999
## 6328	3	0.9999999
## 6329	2	0.9999999
## 6330	3	0.9999999
## 6331	2	0.9999999
## 6332	2	0.9999999
## 6333	1	0.9999999
## 6334	0	0.9999998
## 6335	2	0.9999998
## 6336	0	0.9999999
## 6337	2	0.9999999
## 6338	2	0.9999999
## 6339	4	0.9999999
## 6340	2	0.9999999
## 6341	4	0.9999999
## 6342	4	0.9999999
## 6343	1	0.9999999
## 6344	4	0.9999999
## 6345	4	0.9999999
## 6346	4	0.9999999
## 6347	3	0.9999999

## 6348	3	0.9999999
## 6349	4	0.9999999
## 6350	4	0.9999999
## 6351	4	0.9999999
## 6352	4	0.9999999
## 6353	3	0.9999999
## 6354	2	0.9999999
## 6355	2	0.9999999
## 6356	2	0.9999999
## 6357	2	0.9999999
## 6358	3	0.9999999
## 6359	2	0.9999999
## 6360	3	0.9999999
## 6361	3	0.9999999
## 6362	2	0.9999999
## 6363	4	0.9999999
## 6364	2	0.9999999
## 6365	2	0.9999999
## 6366	2	0.9999999
## 6367	0	0.9999998
## 6368	2	0.9999999
## 6369	3	0.9999999
## 6370	2	0.9999999
## 6371	3	0.9999999
## 6372	2	0.9999999
## 6373	2	0.9999999
## 6374	3	0.9999999
## 6375	4	0.9999999
## 6376	0	0.9999999
## 6377	4	0.9999998
## 6378	2	0.9999999
## 6379	3	0.9999999
## 6380	2	0.9999999
## 6381	3	0.9999999
## 6382	3	0.9999999
## 6383	4	0.9999999
## 6384	3	0.9999999
## 6385	4	0.9999999
## 6386	4	0.9999999
## 6387	3	0.9999999
## 6388	4	0.9999999
## 6389	3	0.9999999
## 6390	2	0.9999999
## 6391	2	0.9999999
## 6392	4	0.9999999
## 6393	3	0.9999999
## 6394	4	0.9999999
## 6395	3	0.9999999
## 6396	3	0.9999999
## 6397	2	0.9999999
## 6398	3	0.9999999
## 6399	3	0.9999999
## 6400	4	0.9999999
## 6401	2	0.9999999

## 6402	3	0.9999999
## 6403	4	0.9999999
## 6404	2	0.9999999
## 6405	2	0.9999999
## 6406	4	0.9999999
## 6407	2	0.9999999
## 6408	4	0.9999999
## 6409	2	0.9999999
## 6410	4	0.9999999
## 6411	3	0.9999999
## 6412	2	0.9999999
## 6413	2	0.9999999
## 6414	4	0.9999999
## 6415	4	0.9999999
## 6416	4	0.9999999
## 6417	3	0.9999999
## 6418	4	0.9999999
## 6419	3	0.9999999
## 6420	4	0.9999999
## 6421	4	0.9999999
## 6422	4	0.9999999
## 6423	4	0.9999999
## 6424	3	0.9999998
## 6425	2	0.9999999
## 6426	1	0.9999999
## 6427	4	0.9999999
## 6428	2	0.9999999
## 6429	1	0.9999999
## 6430	4	0.9999999
## 6431	4	0.9999999
## 6432	3	0.9999999
## 6433	2	0.9999999
## 6434	4	0.9999999
## 6435	3	0.9999999
## 6436	4	0.9999999
## 6437	2	0.9999999
## 6438	4	0.9999999
## 6439	3	0.9999999
## 6440	2	0.9999999
## 6441	3	0.9999999
## 6442	2	0.9999999
## 6443	3	0.9999999
## 6444	3	0.9999999
## 6445	1	0.9999999
## 6446	3	0.9999999
## 6447	4	0.9999999
## 6448	2	0.9999999
## 6449	3	0.9999999
## 6450	3	0.9999999
## 6451	1	0.9999998
## 6452	2	0.9999999
## 6453	4	0.9999999
## 6454	3	0.9999999
## 6455	3	0.9999998

## 6456	2	0.9999999
## 6457	3	0.9999999
## 6458	2	0.9999999
## 6459	4	0.9999999
## 6460	4	0.9999999
## 6461	4	0.9999999
## 6462	2	0.9999999
## 6463	2	0.9999999
## 6464	3	0.9999999
## 6465	1	0.9999999
## 6466	4	0.9999999
## 6467	2	0.9999999
## 6468	3	0.9999999
## 6469	4	0.9999999
## 6470	2	0.9999999
## 6471	4	0.9999999
## 6472	4	0.9999999
## 6473	4	0.9999999
## 6474	3	0.9999999
## 6475	3	0.9999999
## 6476	3	0.9999999
## 6477	2	0.9999999
## 6478	1	0.9999999
## 6479	4	0.9999999
## 6480	3	0.9999999
## 6481	2	0.9999999
## 6482	4	0.9999999
## 6483	2	0.9999999
## 6484	4	0.9999999
## 6485	1	0.9999999
## 6486	4	0.9999999
## 6487	2	0.9999999
## 6488	2	0.9999998
## 6489	2	0.9999999
## 6490	2	0.9999999
## 6491	2	0.9999999
## 6492	2	0.9999999
## 6493	4	0.9999999
## 6494	2	0.9999999
## 6495	4	0.9999999
## 6496	3	0.9999999
## 6497	2	0.9999999
## 6498	4	0.9999999
## 6499	4	0.9999998
## 6500	4	0.9999998
## 6501	3	0.9999999
## 6502	2	0.9999999
## 6503	3	0.9999999
## 6504	2	0.9999999
## 6505	2	0.9999999
## 6506	4	0.9999999
## 6507	2	0.9999999
## 6508	2	0.9999999
## 6509	4	0.9999999

## 6510	4	0.9999999
## 6511	3	0.9999999
## 6512	2	0.9999999
## 6513	3	0.9999999
## 6514	2	0.9999999
## 6515	0	0.9999999
## 6516	2	0.9999999
## 6517	3	0.9999999
## 6518	4	0.9999999
## 6519	2	0.9999999
## 6520	3	0.9999999
## 6521	2	0.9999999
## 6522	3	0.9999999
## 6523	1	0.9999999
## 6524	4	0.9999999
## 6525	3	0.9999999
## 6526	2	0.9999999
## 6527	2	0.9999999
## 6528	4	0.9999999
## 6529	2	0.9999999
## 6530	4	0.9999999
## 6531	2	0.9999999
## 6532	3	0.9999999
## 6533	3	0.9999999
## 6534	4	0.9999999
## 6535	4	0.9999999
## 6536	2	0.9999999
## 6537	4	0.9999999
## 6538	4	0.9999999
## 6539	1	0.9999999
## 6540	2	0.9999998
## 6541	2	0.9999999
## 6542	3	0.9999999
## 6543	2	0.9999999
## 6544	2	0.9999999
## 6545	2	0.9999999
## 6546	2	0.9999999
## 6547	4	0.9999998
## 6548	2	0.9999999
## 6549	3	0.9999999
## 6550	1	0.9999999
## 6551	2	0.9999999
## 6552	4	0.9999999
## 6553	3	0.9999999
## 6554	1	0.9999999
## 6555	1	0.9999999
## 6556	2	0.9999999
## 6557	4	0.9999999
## 6558	4	0.9999999
## 6559	2	0.9999999
## 6560	3	0.9999999
## 6561	4	0.9999999
## 6562	3	0.9999999
## 6563	2	0.9999999

## 6564	4	0.9999999
## 6565	2	0.9999999
## 6566	2	0.9999999
## 6567	1	0.9999999
## 6568	3	0.9999999
## 6569	2	0.9999999
## 6570	4	0.9999999
## 6571	1	0.9999999
## 6572	4	0.9999999
## 6573	4	0.9999999
## 6574	4	0.9999999
## 6575	3	0.9999999
## 6576	1	0.9999999
## 6577	4	0.9999999
## 6578	1	0.9999999
## 6579	4	0.9999999
## 6580	1	0.9999999
## 6581	4	0.9999999
## 6582	3	0.9999999
## 6583	1	0.9999999
## 6584	1	0.9999999
## 6585	2	0.9999998
## 6586	4	0.9999999
## 6587	2	0.9999999
## 6588	3	0.9999999
## 6589	1	0.9999999
## 6590	1	0.9999999
## 6591	4	0.9999999
## 6592	3	0.9999999
## 6593	2	0.9999998
## 6594	0	0.9999998
## 6595	3	0.9999999
## 6596	3	0.9999999
## 6597	2	0.9999999
## 6598	2	0.9999999
## 6599	2	0.9999999
## 6600	2	0.9999999
## 6601	2	0.9999999
## 6602	2	0.9999999
## 6603	3	0.9999999
## 6604	4	0.9999999
## 6605	4	0.9999999
## 6606	2	0.9999999
## 6607	2	0.9999999
## 6608	1	0.9999999
## 6609	4	0.9999999
## 6610	1	0.9999999
## 6611	2	0.9999999
## 6612	2	0.9999999
## 6613	3	0.9999999
## 6614	2	0.9999999
## 6615	4	0.9999998
## 6616	3	0.9999999
## 6617	1	0.9999999

## 6618	3	0.9999999
## 6619	2	0.9999999
## 6620	3	0.9999999
## 6621	2	0.9999999
## 6622	2	0.9999999
## 6623	4	0.9999999
## 6624	0	0.9999999
## 6625	2	0.9999999
## 6626	1	0.9999999
## 6627	4	0.9999999
## 6628	4	0.9999999
## 6629	2	0.9999999
## 6630	4	0.9999999
## 6631	3	0.9999999
## 6632	3	0.9999999
## 6633	3	0.9999999
## 6634	2	0.9999999
## 6635	0	0.9999998
## 6636	3	0.9999999
## 6637	2	0.9999999
## 6638	4	0.9999999
## 6639	2	0.9999999
## 6640	0	0.9999999
## 6641	2	0.9999999
## 6642	2	0.9999999
## 6643	3	0.9999999
## 6644	2	0.9999999
## 6645	2	0.9999999
## 6646	2	0.9999999
## 6647	3	0.9999999
## 6648	2	0.9999999
## 6649	1	0.9999999
## 6650	3	0.9999999
## 6651	2	0.9999999
## 6652	3	0.9999999
## 6653	3	0.9999999
## 6654	2	0.9999999
## 6655	4	0.9999999
## 6656	4	0.9999999
## 6657	2	0.9999999
## 6658	3	0.9999999
## 6659	2	0.9999999
## 6660	4	0.9999999
## 6661	3	0.9999999
## 6662	2	0.9999999
## 6663	4	0.9999999
## 6664	2	0.9999999
## 6665	3	0.9999998
## 6666	4	0.9999999
## 6667	2	0.9999999
## 6668	2	0.9999999
## 6669	3	0.9999999
## 6670	3	0.9999999
## 6671	2	0.9999999

## 6672	4	0.9999999
## 6673	2	0.9999999
## 6674	2	0.9999999
## 6675	3	0.9999999
## 6676	2	0.9999999
## 6677	1	0.9999999
## 6678	2	0.9999999
## 6679	2	0.9999999
## 6680	4	0.9999999
## 6681	3	0.9999999
## 6682	4	0.9999999
## 6683	2	0.9999999
## 6684	2	0.9999999
## 6685	2	0.9999998
## 6686	1	0.9999999
## 6687	3	0.9999999
## 6688	2	0.9999999
## 6689	3	0.9999999
## 6690	4	0.9999999
## 6691	4	0.9999999
## 6692	3	0.9999999
## 6693	1	0.9999999
## 6694	2	0.9999999
## 6695	2	0.9999999
## 6696	2	0.9999999
## 6697	2	0.9999999
## 6698	4	0.9999999
## 6699	2	0.9999999
## 6700	4	0.9999999
## 6701	2	0.9999999
## 6702	2	0.9999999
## 6703	2	0.9999999
## 6704	3	0.9999999
## 6705	3	0.9999999
## 6706	4	0.9999999
## 6707	3	0.9999999
## 6708	1	0.9999999
## 6709	2	0.9999999
## 6710	3	0.9999999
## 6711	3	0.9999999
## 6712	2	0.9999999
## 6713	3	0.9999999
## 6714	2	0.9999999
## 6715	3	0.9999999
## 6716	3	0.9999999
## 6717	1	0.9999999
## 6718	2	0.9999999
## 6719	3	0.9999999
## 6720	2	0.9999999
## 6721	4	0.9999999
## 6722	2	0.9999999
## 6723	2	0.9999999
## 6724	2	0.9999999
## 6725	4	0.9999999

## 6726	2	0.9999999
## 6727	3	0.9999999
## 6728	2	0.9999999
## 6729	2	0.9999999
## 6730	4	0.9999999
## 6731	3	0.9999999
## 6732	3	0.9999999
## 6733	2	0.9999999
## 6734	4	0.9999999
## 6735	3	0.9999999
## 6736	1	0.9999999
## 6737	4	0.9999999
## 6738	3	0.9999999
## 6739	4	0.9999999
## 6740	2	0.9999999
## 6741	2	0.9999999
## 6742	2	0.9999999
## 6743	3	0.9999999
## 6744	2	0.9999999
## 6745	2	0.9999999
## 6746	2	0.9999999
## 6747	2	0.9999999
## 6748	4	0.9999999
## 6749	3	0.9999998
## 6750	2	0.9999999
## 6751	3	0.9999999
## 6752	1	0.9999999
## 6753	3	0.9999999
## 6754	2	0.9999999
## 6755	4	0.9999999
## 6756	2	0.9999999
## 6757	2	0.9999999
## 6758	3	0.9999999
## 6759	2	0.9999999
## 6760	3	0.9999999
## 6761	2	0.9999999
## 6762	2	0.9999999
## 6763	3	0.9999999
## 6764	1	0.9999999
## 6765	2	0.9999999
## 6766	4	0.9999998
## 6767	4	0.9999999
## 6768	4	0.9999999
## 6769	3	0.9999999
## 6770	2	0.9999999
## 6771	2	0.9999999
## 6772	2	0.9999999
## 6773	2	0.9999999
## 6774	2	0.9999999
## 6775	4	0.9999999
## 6776	2	0.9999999
## 6777	3	0.9999999
## 6778	2	0.9999999
## 6779	2	0.9999999

## 6780	2	0.9999999
## 6781	3	0.9999999
## 6782	2	0.9999999
## 6783	3	0.9999999
## 6784	1	0.9999999
## 6785	2	0.9999999
## 6786	2	0.9999999
## 6787	2	0.9999998
## 6788	4	0.9999999
## 6789	3	0.9999999
## 6790	3	0.9999999
## 6791	3	0.9999999
## 6792	2	0.9999999
## 6793	4	0.9999999
## 6794	4	0.9999999
## 6795	3	0.9999999
## 6796	2	0.9999999
## 6797	1	0.9999999
## 6798	4	0.9999999
## 6799	4	0.9999999
## 6800	1	0.9999999
## 6801	3	0.9999999
## 6802	4	0.9999999
## 6803	4	0.9999999
## 6804	3	0.9999999
## 6805	2	0.9999999
## 6806	2	0.9999999
## 6807	3	0.9999999
## 6808	2	0.9999999
## 6809	4	0.9999999
## 6810	0	0.9999998
## 6811	4	0.9999999
## 6812	4	0.9999999
## 6813	3	0.9999999
## 6814	4	0.9999999
## 6815	3	0.9999999
## 6816	0	0.9999999
## 6817	4	0.9999999
## 6818	2	0.9999999
## 6819	2	0.9999999
## 6820	2	0.9999999
## 6821	2	0.9999999
## 6822	2	0.9999999
## 6823	3	0.9999999
## 6824	2	0.9999999
## 6825	3	0.9999999
## 6826	2	0.9999999
## 6827	2	0.9999999
## 6828	3	0.9999999
## 6829	3	0.9999999
## 6830	3	0.9999999
## 6831	2	0.9999999
## 6832	4	0.9999998
## 6833	1	0.9999999

## 6834	2	0.9999999
## 6835	2	0.9999999
## 6836	4	0.9999999
## 6837	2	0.9999999
## 6838	3	0.9999999
## 6839	4	0.9999999
## 6840	3	0.9999999
## 6841	3	0.9999999
## 6842	3	0.9999999
## 6843	2	0.9999999
## 6844	3	0.9999999
## 6845	1	0.9999999
## 6846	4	0.9999999
## 6847	4	0.9999999
## 6848	1	0.9999999
## 6849	2	0.9999999
## 6850	1	0.9999999
## 6851	2	0.9999999
## 6852	4	0.9999999
## 6853	2	0.9999999
## 6854	4	0.9999999
## 6855	0	0.9999999
## 6856	2	0.9999999
## 6857	3	0.9999999
## 6858	2	0.9999999
## 6859	2	0.9999999
## 6860	2	0.9999999
## 6861	2	0.9999999
## 6862	1	0.9999999
## 6863	3	0.9999999
## 6864	2	0.9999999
## 6865	2	0.9999999
## 6866	2	0.9999999
## 6867	3	0.9999999
## 6868	1	0.9999999
## 6869	2	0.9999999
## 6870	1	0.9999999
## 6871	1	0.9999999
## 6872	4	0.9999999
## 6873	2	0.9999999
## 6874	2	0.9999999
## 6875	4	0.9999998
## 6876	3	0.9999999
## 6877	3	0.9999998
## 6878	2	0.9999999
## 6879	2	0.9999999
## 6880	2	0.9999999
## 6881	2	0.9999999
## 6882	2	0.9999999
## 6883	4	0.9999999
## 6884	0	0.9999999
## 6885	4	0.9999999
## 6886	2	0.9999999
## 6887	2	0.9999999

## 6888	2	0.9999999
## 6889	4	0.9999999
## 6890	3	0.9999998
## 6891	3	0.9999999
## 6892	2	0.9999999
## 6893	2	0.9999999
## 6894	4	0.9999999
## 6895	4	0.9999999
## 6896	2	0.9999999
## 6897	4	0.9999998
## 6898	1	0.9999999
## 6899	1	0.9999999
## 6900	2	0.9999999
## 6901	3	0.9999999
## 6902	4	0.9999998
## 6903	1	0.9999999
## 6904	2	0.9999999
## 6905	4	0.9999999
## 6906	2	0.9999998
## 6907	2	0.9999999
## 6908	4	0.9999999
## 6909	3	0.9999999
## 6910	1	0.9999999
## 6911	2	0.9999998
## 6912	2	0.9999998
## 6913	2	0.9999998
## 6914	4	0.9999999
## 6915	2	0.9999999
## 6916	4	0.9999999
## 6917	3	0.9999999
## 6918	2	0.9999999
## 6919	4	0.9999999
## 6920	3	0.9999999
## 6921	2	0.9999999
## 6922	4	0.9999999
## 6923	1	0.9999999
## 6924	1	0.9999999
## 6925	2	0.9999999
## 6926	2	0.9999999
## 6927	2	0.9999999
## 6928	4	0.9999999
## 6929	4	0.9999999
## 6930	4	0.9999999
## 6931	2	0.9999999
## 6932	4	0.9999999
## 6933	2	0.9999999
## 6934	4	0.9999999
## 6935	2	0.9999999
## 6936	3	0.9999999
## 6937	4	0.9999999
## 6938	2	0.9999999
## 6939	3	0.9999999
## 6940	2	0.9999999
## 6941	2	0.9999999

## 6942	3	0.9999999
## 6943	4	0.9999999
## 6944	4	0.9999998
## 6945	3	0.9999999
## 6946	3	0.9999999
## 6947	2	0.9999999
## 6948	4	0.9999999
## 6949	3	0.9999999
## 6950	2	0.9999999
## 6951	3	0.9999999
## 6952	4	0.9999999
## 6953	3	0.9999999
## 6954	1	0.9999999
## 6955	1	0.9999999
## 6956	2	0.9999999
## 6957	4	0.9999999
## 6958	4	0.9999999
## 6959	4	0.9999999
## 6960	3	0.9999999
## 6961	2	0.9999999
## 6962	3	0.9999999
## 6963	1	0.9999999
## 6964	1	0.9999999
## 6965	2	0.9999999
## 6966	4	0.9999999
## 6967	3	0.9999999
## 6968	2	0.9999999
## 6969	3	0.9999999
## 6970	1	0.9999999
## 6971	1	0.9999999
## 6972	4	0.9999999
## 6973	3	0.9999999
## 6974	2	0.9999999
## 6975	1	0.9999999
## 6976	2	0.9999999
## 6977	2	0.9999999
## 6978	4	0.9999999
## 6979	2	0.9999999
## 6980	2	0.9999999
## 6981	2	0.9999999
## 6982	2	0.9999999
## 6983	1	0.9999999
## 6984	1	0.9999999
## 6985	3	0.9999999
## 6986	4	0.9999999
## 6987	4	0.9999999
## 6988	3	0.9999999
## 6989	2	0.9999999
## 6990	3	0.9999999
## 6991	1	0.9999999
## 6992	4	0.9999999
## 6993	2	0.9999999
## 6994	0	0.9999999
## 6995	2	0.9999999

## 6996	4	0.9999999
## 6997	2	0.9999999
## 6998	2	0.9999999
## 6999	2	0.9999998
## 7000	3	0.9999999
## 7001	2	0.9999999
## 7002	3	0.9999999
## 7003	2	0.9999999
## 7004	1	0.9999999
## 7005	3	0.9999999
## 7006	2	0.9999998
## 7007	3	0.9999999
## 7008	4	0.9999999
## 7009	2	0.9999999
## 7010	0	0.9999999
## 7011	4	0.9999999
## 7012	2	0.9999999
## 7013	3	0.9999999
## 7014	3	0.9999999
## 7015	4	0.9999999
## 7016	2	0.9999999
## 7017	2	0.9999999
## 7018	1	0.9999998
## 7019	4	0.9999999
## 7020	3	0.9999999
## 7021	3	0.9999999
## 7022	3	0.9999999
## 7023	2	0.9999999
## 7024	4	0.9999999
## 7025	2	0.9999999
## 7026	3	0.9999999
## 7027	2	0.9999999
## 7028	1	0.9999999
## 7029	2	0.9999999
## 7030	2	0.9999999
## 7031	3	0.9999999
## 7032	3	0.9999999
## 7033	2	0.9999999
## 7034	1	0.9999999
## 7035	2	0.9999999
## 7036	3	0.9999999
## 7037	2	0.9999999
## 7038	2	0.9999999
## 7039	4	0.9999999
## 7040	3	0.9999999
## 7041	2	0.9999998
## 7042	1	0.9999999
## 7043	4	0.9999999
## 7044	3	0.9999999
## 7045	3	0.9999999
## 7046	2	0.9999999
## 7047	1	0.9999999
## 7048	2	0.9999999
## 7049	2	0.9999999

## 7050	2	0.9999999
## 7051	3	0.9999999
## 7052	4	0.9999998
## 7053	3	0.9999999
## 7054	0	0.9999999
## 7055	1	0.9999999
## 7056	2	0.9999999
## 7057	2	0.9999999
## 7058	4	0.9999999
## 7059	1	0.9999999
## 7060	2	0.9999999
## 7061	1	0.9999999
## 7062	2	0.9999999
## 7063	2	0.9999999
## 7064	4	0.9999999
## 7065	2	0.9999999
## 7066	3	0.9999999
## 7067	1	0.9999999
## 7068	3	0.9999999
## 7069	4	0.9999999
## 7070	0	0.9999999
## 7071	4	0.9999999
## 7072	3	0.9999999
## 7073	3	0.9999999
## 7074	1	0.9999999
## 7075	2	0.9999999
## 7076	2	0.9999999
## 7077	2	0.9999999
## 7078	2	0.9999999
## 7079	3	0.9999999
## 7080	3	0.9999999
## 7081	4	0.9999999
## 7082	1	0.9999999
## 7083	0	0.9999999
## 7084	2	0.9999999
## 7085	0	0.9999999
## 7086	3	0.9999999
## 7087	2	0.9999999
## 7088	1	0.9999999
## 7089	4	0.9999999
## 7090	3	0.9999999
## 7091	2	0.9999999
## 7092	2	0.9999999
## 7093	4	0.9999999
## 7094	2	0.9999999
## 7095	4	0.9999999
## 7096	2	0.9999999
## 7097	3	0.9999999
## 7098	3	0.9999999
## 7099	4	0.9999999
## 7100	4	0.9999999
## 7101	4	0.9999999
## 7102	2	0.9999999
## 7103	4	0.9999999

## 7104	1	0.9999999
## 7105	4	0.9999999
## 7106	2	0.9999999
## 7107	4	0.9999999
## 7108	2	0.9999999
## 7109	3	0.9999999
## 7110	1	0.9999999
## 7111	2	0.9999999
## 7112	3	0.9999999
## 7113	4	0.9999999
## 7114	2	0.9999999
## 7115	4	0.9999999
## 7116	4	0.9999999
## 7117	4	0.9999999
## 7118	4	0.9999999
## 7119	2	0.9999999
## 7120	2	0.9999999
## 7121	2	0.9999999
## 7122	2	0.9999999
## 7123	2	0.9999999
## 7124	2	0.9999999
## 7125	3	0.9999999
## 7126	2	0.9999999
## 7127	0	0.9999999
## 7128	3	0.9999999
## 7129	0	0.9999999
## 7130	3	0.9999999
## 7131	3	0.9999999
## 7132	1	0.9999999
## 7133	3	0.9999998
## 7134	2	0.9999999
## 7135	2	0.9999999
## 7136	3	0.9999999
## 7137	3	0.9999999
## 7138	3	0.9999999
## 7139	4	0.9999999
## 7140	2	0.9999999
## 7141	4	0.9999999
## 7142	2	0.9999999
## 7143	0	0.9999999
## 7144	4	0.9999999
## 7145	2	0.9999999
## 7146	2	0.9999999
## 7147	2	0.9999999
## 7148	3	0.9999999
## 7149	2	0.9999999
## 7150	3	0.9999999
## 7151	4	0.9999999
## 7152	4	0.9999999
## 7153	4	0.9999999
## 7154	4	0.9999999
## 7155	2	0.9999999
## 7156	3	0.9999999
## 7157	2	0.9999999

## 7158	4	0.9999999
## 7159	3	0.9999999
## 7160	3	0.9999999
## 7161	1	0.9999999
## 7162	3	0.9999999
## 7163	2	0.9999999
## 7164	2	0.9999999
## 7165	2	0.9999999
## 7166	4	0.9999998
## 7167	3	0.9999999
## 7168	2	0.9999999
## 7169	3	0.9999999
## 7170	4	0.9999999
## 7171	2	0.9999999
## 7172	3	0.9999999
## 7173	0	0.9999999
## 7174	2	0.9999999
## 7175	2	0.9999999
## 7176	3	0.9999999
## 7177	2	0.9999999
## 7178	2	0.9999998
## 7179	1	0.9999998
## 7180	1	0.9999999
## 7181	2	0.9999999
## 7182	3	0.9999999
## 7183	4	0.9999999
## 7184	3	0.9999999
## 7185	3	0.9999999
## 7186	2	0.9999999
## 7187	4	0.9999999
## 7188	4	0.9999999
## 7189	2	0.9999999
## 7190	2	0.9999999
## 7191	3	0.9999999
## 7192	2	0.9999999
## 7193	2	0.9999999
## 7194	3	0.9999999
## 7195	4	0.9999999
## 7196	2	0.9999999
## 7197	2	0.9999999
## 7198	3	0.9999999
## 7199	3	0.9999999
## 7200	2	0.9999999
## 7201	3	0.9999999
## 7202	2	0.9999999
## 7203	3	0.9999999
## 7204	4	0.9999999
## 7205	2	0.9999999
## 7206	3	0.9999999
## 7207	4	0.9999999
## 7208	4	0.9999999
## 7209	4	0.9999999
## 7210	2	0.9999999
## 7211	3	0.9999999

## 7212	4	0.9999999
## 7213	3	0.9999998
## 7214	2	0.9999998
## 7215	2	0.9999999
## 7216	1	0.9999999
## 7217	4	0.9999999
## 7218	1	0.9999999
## 7219	3	0.9999999
## 7220	4	0.9999999
## 7221	1	0.9999999
## 7222	4	0.9999999
## 7223	3	0.9999999
## 7224	0	0.9999999
## 7225	2	0.9999998
## 7226	3	0.9999999
## 7227	4	0.9999999
## 7228	4	0.9999999
## 7229	4	0.9999999
## 7230	2	0.9999999
## 7231	2	0.9999999
## 7232	4	0.9999998
## 7233	1	0.9999999
## 7234	2	0.9999999
## 7235	1	0.9999999
## 7236	4	0.9999999
## 7237	2	0.9999999
## 7238	1	0.9999999
## 7239	3	0.9999999
## 7240	2	0.9999999
## 7241	4	0.9999999
## 7242	2	0.9999999
## 7243	2	0.9999999
## 7244	4	0.9999999
## 7245	1	0.9999999
## 7246	3	0.9999999
## 7247	2	0.9999999
## 7248	2	0.9999999
## 7249	2	0.9999999
## 7250	1	0.9999999
## 7251	0	0.9999999
## 7252	4	0.9999999
## 7253	2	0.9999999
## 7254	4	0.9999999
## 7255	2	0.9999999
## 7256	1	0.9999999
## 7257	2	0.9999999
## 7258	4	0.9999999
## 7259	1	0.9999999
## 7260	2	0.9999999
## 7261	4	0.9999999
## 7262	2	0.9999999
## 7263	4	0.9999999
## 7264	3	0.9999999
## 7265	1	0.9999999

## 7266	1	0.9999999
## 7267	2	0.9999999
## 7268	2	0.9999999
## 7269	4	0.9999999
## 7270	1	0.9999999
## 7271	3	0.9999999
## 7272	1	0.9999999
## 7273	3	0.9999999
## 7274	2	0.9999999
## 7275	2	0.9999999
## 7276	2	0.9999999
## 7277	2	0.9999999
## 7278	3	0.9999999
## 7279	4	0.9999999
## 7280	4	0.9999999
## 7281	2	0.9999999
## 7282	2	0.9999999
## 7283	4	0.9999999
## 7284	2	0.9999999
## 7285	3	0.9999999
## 7286	2	0.9999999
## 7287	4	0.9999999
## 7288	2	0.9999999
## 7289	4	0.9999999
## 7290	2	0.9999999
## 7291	2	0.9999999
## 7292	3	0.9999999
## 7293	3	0.9999999
## 7294	3	0.9999999
## 7295	3	0.9999999
## 7296	4	0.9999999
## 7297	1	0.9999999
## 7298	2	0.9999999
## 7299	2	0.9999999
## 7300	3	0.9999999
## 7301	3	0.9999999
## 7302	4	0.9999999
## 7303	0	0.9999999
## 7304	2	0.9999999
## 7305	4	0.9999999
## 7306	2	0.9999999
## 7307	3	0.9999999
## 7308	3	0.9999999
## 7309	2	0.9999999
## 7310	2	0.9999999
## 7311	4	0.9999999
## 7312	1	0.9999999
## 7313	3	0.9999999
## 7314	4	0.9999999
## 7315	3	0.9999999
## 7316	4	0.9999999
## 7317	3	0.9999999
## 7318	2	0.9999999
## 7319	4	0.9999999

## 7320	2	0.9999999
## 7321	1	0.9999999
## 7322	4	0.9999999
## 7323	3	0.9999999
## 7324	4	0.9999999
## 7325	2	0.9999999
## 7326	4	0.9999999
## 7327	3	0.9999999
## 7328	1	0.9999999
## 7329	3	0.9999999
## 7330	4	0.9999999
## 7331	4	0.9999999
## 7332	4	0.9999999
## 7333	3	0.9999999
## 7334	2	0.9999999
## 7335	3	0.9999999
## 7336	3	0.9999999
## 7337	3	0.9999999
## 7338	4	0.9999999
## 7339	2	0.9999999
## 7340	2	0.9999999
## 7341	2	0.9999998
## 7342	3	0.9999999
## 7343	3	0.9999999
## 7344	2	0.9999999
## 7345	2	0.9999999
## 7346	3	0.9999999
## 7347	4	0.9999999
## 7348	2	0.9999999
## 7349	4	0.9999999
## 7350	2	0.9999999
## 7351	3	0.9999999
## 7352	1	0.9999999
## 7353	2	0.9999999
## 7354	2	0.9999999
## 7355	2	0.9999999
## 7356	2	0.9999999
## 7357	2	0.9999999
## 7358	2	0.9999999
## 7359	2	0.9999999
## 7360	2	0.9999999
## 7361	2	0.9999999
## 7362	2	0.9999999
## 7363	3	0.9999999
## 7364	0	0.9999999
## 7365	2	0.9999999
## 7366	2	0.9999999
## 7367	2	0.9999999
## 7368	2	0.9999999
## 7369	3	0.9999999
## 7370	2	0.9999999
## 7371	2	0.9999999
## 7372	4	0.9999999
## 7373	2	0.9999999

## 7374	3	0.9999999
## 7375	4	0.9999999
## 7376	2	0.9999999
## 7377	2	0.9999999
## 7378	3	0.9999999
## 7379	2	0.9999999
## 7380	4	0.9999999
## 7381	4	0.9999999
## 7382	2	0.9999999
## 7383	4	0.9999999
## 7384	3	0.9999999
## 7385	4	0.9999999
## 7386	3	0.9999999
## 7387	4	0.9999999
## 7388	4	0.9999999
## 7389	2	0.9999999
## 7390	4	0.9999999
## 7391	2	0.9999999
## 7392	2	0.9999999
## 7393	4	0.9999999
## 7394	4	0.9999999
## 7395	1	0.9999999
## 7396	4	0.9999999
## 7397	2	0.9999999
## 7398	3	0.9999999
## 7399	1	0.9999999
## 7400	2	0.9999999
## 7401	1	0.9999999
## 7402	3	0.9999999
## 7403	4	0.9999999
## 7404	2	0.9999999
## 7405	2	0.9999998
## 7406	1	0.9999999
## 7407	4	0.9999999
## 7408	1	0.9999998
## 7409	3	0.9999999
## 7410	4	0.9999999
## 7411	2	0.9999999
## 7412	3	0.9999999
## 7413	3	0.9999999
## 7414	1	0.9999999
## 7415	3	0.9999999
## 7416	1	0.9999999
## 7417	3	0.9999999
## 7418	2	0.9999999
## 7419	2	0.9999999
## 7420	1	0.9999999
## 7421	2	0.9999999
## 7422	4	0.9999999
## 7423	3	0.9999999
## 7424	3	0.9999999
## 7425	2	0.9999999
## 7426	2	0.9999999
## 7427	3	0.9999999

## 7428	2	0.9999999
## 7429	1	0.9999999
## 7430	1	0.9999999
## 7431	4	0.9999999
## 7432	0	0.9999999
## 7433	1	0.9999999
## 7434	0	0.9999999
## 7435	4	0.9999999
## 7436	3	0.9999999
## 7437	2	0.9999999
## 7438	3	0.9999999
## 7439	1	0.9999999
## 7440	2	0.9999999
## 7441	3	0.9999999
## 7442	3	0.9999999
## 7443	3	0.9999999
## 7444	0	0.9999999
## 7445	4	0.9999999
## 7446	4	0.9999999
## 7447	2	0.9999999
## 7448	4	0.9999999
## 7449	3	0.9999999
## 7450	4	0.9999999
## 7451	3	0.9999999
## 7452	3	0.9999998
## 7453	2	0.9999999
## 7454	3	0.9999999
## 7455	2	0.9999999
## 7456	4	0.9999999
## 7457	2	0.9999999
## 7458	2	0.9999999
## 7459	2	0.9999999
## 7460	3	0.9999999
## 7461	2	0.9999999
## 7462	3	0.9999999
## 7463	1	0.9999999
## 7464	4	0.9999999
## 7465	3	0.9999999
## 7466	2	0.9999999
## 7467	2	0.9999999
## 7468	3	0.9999999
## 7469	1	0.9999999
## 7470	2	0.9999999
## 7471	3	0.9999999
## 7472	3	0.9999999
## 7473	1	0.9999999
## 7474	3	0.9999999
## 7475	2	0.9999999
## 7476	2	0.9999999
## 7477	4	0.9999999
## 7478	3	0.9999999
## 7479	2	0.9999999
## 7480	2	0.9999999
## 7481	2	0.9999999

## 7482	2	0.9999999
## 7483	3	0.9999998
## 7484	2	0.9999999
## 7485	2	0.9999999
## 7486	3	0.9999998
## 7487	2	0.9999999
## 7488	2	0.9999999
## 7489	3	0.9999999
## 7490	2	0.9999999
## 7491	2	0.9999999
## 7492	2	0.9999999
## 7493	4	0.9999999
## 7494	3	0.9999999
## 7495	2	0.9999999
## 7496	3	0.9999999
## 7497	3	0.9999999
## 7498	3	0.9999999
## 7499	2	0.9999999
## 7500	1	0.9999999
## 7501	4	0.9999999
## 7502	3	0.9999999
## 7503	2	0.9999999
## 7504	3	0.9999999
## 7505	2	0.9999999
## 7506	3	0.9999999
## 7507	0	0.9999999
## 7508	2	0.9999999
## 7509	3	0.9999999
## 7510	4	0.9999999
## 7511	3	0.9999999
## 7512	4	0.9999999
## 7513	2	0.9999999
## 7514	4	0.9999999
## 7515	1	0.9999999
## 7516	3	0.9999999
## 7517	2	0.9999999
## 7518	4	0.9999999
## 7519	3	0.9999999
## 7520	3	0.9999999
## 7521	4	0.9999999
## 7522	2	0.9999999
## 7523	4	0.9999998
## 7524	4	0.9999999
## 7525	3	0.9999998
## 7526	2	0.9999999
## 7527	4	0.9999999
## 7528	0	0.9999999
## 7529	2	0.9999999
## 7530	2	0.9999999
## 7531	2	0.9999999
## 7532	2	0.9999999
## 7533	2	0.9999999
## 7534	2	0.9999999
## 7535	3	0.9999999

## 7536	2	0.9999999
## 7537	0	0.9999999
## 7538	2	0.9999999
## 7539	2	0.9999999
## 7540	4	0.9999999
## 7541	2	0.9999999
## 7542	4	0.9999999
## 7543	2	0.9999999
## 7544	3	0.9999999
## 7545	3	0.9999999
## 7546	4	0.9999999
## 7547	3	0.9999999
## 7548	3	0.9999999
## 7549	4	0.9999999
## 7550	3	0.9999999
## 7551	3	0.9999999
## 7552	0	0.9999999
## 7553	4	0.9999999
## 7554	1	0.9999999
## 7555	4	0.9999998
## 7556	4	0.9999999
## 7557	3	0.9999999
## 7558	1	0.9999999
## 7559	3	0.9999999
## 7560	2	0.9999999
## 7561	4	0.9999999
## 7562	2	0.9999999
## 7563	3	0.9999999
## 7564	4	0.9999999
## 7565	2	0.9999999
## 7566	2	0.9999999
## 7567	4	0.9999999
## 7568	1	0.9999999
## 7569	3	0.9999999
## 7570	2	0.9999999
## 7571	2	0.9999999
## 7572	4	0.9999999
## 7573	3	0.9999998
## 7574	2	0.9999999
## 7575	2	0.9999999
## 7576	4	0.9999999
## 7577	2	0.9999998
## 7578	2	0.9999999
## 7579	4	0.9999998
## 7580	2	0.9999999
## 7581	2	0.9999999
## 7582	4	0.9999999
## 7583	3	0.9999999
## 7584	3	0.9999999
## 7585	4	0.9999999
## 7586	4	0.9999999
## 7587	1	0.9999999
## 7588	2	0.9999999
## 7589	3	0.9999999

## 7590	1	0.9999999
## 7591	2	0.9999999
## 7592	4	0.9999999
## 7593	2	0.9999999
## 7594	1	0.9999999
## 7595	3	0.9999999
## 7596	1	0.9999999
## 7597	4	0.9999999
## 7598	4	0.9999999
## 7599	3	0.9999999
## 7600	4	0.9999999
## 7601	4	0.9999999
## 7602	2	0.9999999
## 7603	3	0.9999999
## 7604	2	0.9999999
## 7605	3	0.9999999
## 7606	1	0.9999999
## 7607	2	0.9999998
## 7608	0	0.9999998
## 7609	1	0.9999999
## 7610	2	0.9999999
## 7611	0	0.9999999
## 7612	1	0.9999999
## 7613	1	0.9999999
## 7614	2	0.9999999
## 7615	2	0.9999999
## 7616	4	0.9999999
## 7617	4	0.9999999
## 7618	4	0.9999999
## 7619	3	0.9999999
## 7620	2	0.9999999
## 7621	3	0.9999999
## 7622	3	0.9999999
## 7623	1	0.9999999
## 7624	2	0.9999999
## 7625	2	0.9999999
## 7626	3	0.9999999
## 7627	2	0.9999999
## 7628	3	0.9999999
## 7629	4	0.9999999
## 7630	2	0.9999999
## 7631	2	0.9999999
## 7632	2	0.9999999
## 7633	1	0.9999999
## 7634	2	0.9999999
## 7635	0	0.9999999
## 7636	4	0.9999999
## 7637	4	0.9999999
## 7638	4	0.9999999
## 7639	2	0.9999999
## 7640	4	0.9999999
## 7641	4	0.9999999
## 7642	2	0.9999999
## 7643	3	0.9999999

## 7644	2	0.9999999
## 7645	2	0.9999999
## 7646	4	0.9999999
## 7647	2	0.9999999
## 7648	2	0.9999999
## 7649	4	0.9999999
## 7650	2	0.9999999
## 7651	4	0.9999999
## 7652	3	0.9999999
## 7653	2	0.9999999
## 7654	2	0.9999999
## 7655	4	0.9999999
## 7656	3	0.9999998
## 7657	2	0.9999999
## 7658	2	0.9999999
## 7659	1	0.9999999
## 7660	1	0.9999999
## 7661	3	0.9999999
## 7662	2	0.9999999
## 7663	4	0.9999999
## 7664	4	0.9999999
## 7665	3	0.9999999
## 7666	1	0.9999999
## 7667	4	0.9999999
## 7668	3	0.9999999
## 7669	4	0.9999999
## 7670	3	0.9999999
## 7671	4	0.9999999
## 7672	3	0.9999999
## 7673	3	0.9999999
## 7674	4	0.9999999
## 7675	3	0.9999998
## 7676	2	0.9999999
## 7677	2	0.9999999
## 7678	2	0.9999999
## 7679	4	0.9999999
## 7680	4	0.9999999
## 7681	2	0.9999999
## 7682	2	0.9999998
## 7683	2	0.9999999
## 7684	3	0.9999999
## 7685	2	0.9999999
## 7686	4	0.9999999
## 7687	3	0.9999999
## 7688	2	0.9999999
## 7689	2	0.9999999
## 7690	2	0.9999999
## 7691	4	0.9999999
## 7692	1	0.9999999
## 7693	2	0.9999999
## 7694	2	0.9999999
## 7695	2	0.9999999
## 7696	1	0.9999999
## 7697	4	0.9999999

## 7698	2	0.9999999
## 7699	4	0.9999999
## 7700	2	0.9999999
## 7701	2	0.9999999
## 7702	1	0.9999999
## 7703	2	0.9999999
## 7704	0	0.9999999
## 7705	2	0.9999999
## 7706	1	0.9999999
## 7707	3	0.9999999
## 7708	3	0.9999999
## 7709	3	0.9999999
## 7710	3	0.9999999
## 7711	2	0.9999999
## 7712	2	0.9999999
## 7713	2	0.9999999
## 7714	3	0.9999999
## 7715	4	0.9999999
## 7716	3	0.9999999
## 7717	2	0.9999999
## 7718	3	0.9999999
## 7719	2	0.9999999
## 7720	2	0.9999999
## 7721	2	0.9999999
## 7722	1	0.9999999
## 7723	2	0.9999999
## 7724	3	0.9999999
## 7725	3	0.9999999
## 7726	1	0.9999999
## 7727	2	0.9999999
## 7728	3	0.9999999
## 7729	3	0.9999999
## 7730	2	0.9999999
## 7731	2	0.9999999
## 7732	2	0.9999999
## 7733	3	0.9999999
## 7734	3	0.9999999
## 7735	1	0.9999999
## 7736	2	0.9999999
## 7737	2	0.9999999
## 7738	4	0.9999999
## 7739	4	0.9999999
## 7740	2	0.9999999
## 7741	1	0.9999999
## 7742	2	0.9999999
## 7743	3	0.9999999
## 7744	2	0.9999999
## 7745	3	0.9999998
## 7746	2	0.9999999
## 7747	2	0.9999999
## 7748	3	0.9999999
## 7749	4	0.9999999
## 7750	4	0.9999999
## 7751	1	0.9999999

## 7752	4	0.9999999
## 7753	2	0.9999999
## 7754	2	0.9999999
## 7755	3	0.9999999
## 7756	2	0.9999999
## 7757	3	0.9999999
## 7758	2	0.9999999
## 7759	4	0.9999999
## 7760	3	0.9999999
## 7761	3	0.9999999
## 7762	4	0.9999999
## 7763	3	0.9999999
## 7764	4	0.9999999
## 7765	2	0.9999999
## 7766	2	0.9999999
## 7767	3	0.9999999
## 7768	2	0.9999999
## 7769	2	0.9999999
## 7770	0	0.9999999
## 7771	3	0.9999999
## 7772	2	0.9999999
## 7773	4	0.9999999
## 7774	2	0.9999999
## 7775	4	0.9999999
## 7776	0	0.9999999
## 7777	2	0.9999999
## 7778	2	0.9999999
## 7779	2	0.9999999
## 7780	1	0.9999998
## 7781	2	0.9999999
## 7782	0	0.9999999
## 7783	2	0.9999999
## 7784	2	0.9999999
## 7785	2	0.9999999
## 7786	4	0.9999999
## 7787	4	0.9999999
## 7788	2	0.9999999
## 7789	4	0.9999999
## 7790	2	0.9999999
## 7791	3	0.9999999
## 7792	3	0.9999999
## 7793	2	0.9999999
## 7794	2	0.9999998
## 7795	1	0.9999999
## 7796	2	0.9999999
## 7797	1	0.9999999
## 7798	2	0.9999999
## 7799	2	0.9999999
## 7800	1	0.9999999
## 7801	3	0.9999999
## 7802	3	0.9999999
## 7803	3	0.9999999
## 7804	3	0.9999999
## 7805	0	0.9999999

## 7806	0	0.9999998
## 7807	2	0.9999999
## 7808	3	0.9999999
## 7809	2	0.9999999
## 7810	3	0.9999999
## 7811	1	0.9999999
## 7812	2	0.9999999
## 7813	4	0.9999999
## 7814	2	0.9999999
## 7815	3	0.9999999
## 7816	4	0.9999999
## 7817	1	0.9999999
## 7818	3	0.9999999
## 7819	4	0.9999999
## 7820	4	0.9999999
## 7821	2	0.9999998
## 7822	3	0.9999999
## 7823	4	0.9999999
## 7824	1	0.9999999
## 7825	4	0.9999999
## 7826	3	0.9999999
## 7827	2	0.9999999
## 7828	4	0.9999999
## 7829	2	0.9999999
## 7830	4	0.9999999
## 7831	2	0.9999999
## 7832	3	0.9999999
## 7833	2	0.9999999
## 7834	3	0.9999999
## 7835	2	0.9999999
## 7836	2	0.9999999
## 7837	3	0.9999999
## 7838	4	0.9999999
## 7839	4	0.9999999
## 7840	2	0.9999999
## 7841	2	0.9999999
## 7842	2	0.9999999
## 7843	1	0.9999999
## 7844	3	0.9999999
## 7845	1	0.9999999
## 7846	2	0.9999999
## 7847	3	0.9999999
## 7848	4	0.9999999
## 7849	2	0.9999999
## 7850	2	0.9999999
## 7851	1	0.9999999
## 7852	3	0.9999999
## 7853	2	0.9999999
## 7854	4	0.9999999
## 7855	3	0.9999999
## 7856	3	0.9999999
## 7857	2	0.9999999
## 7858	4	0.9999999
## 7859	3	0.9999999

## 7860	2	0.9999999
## 7861	3	0.9999998
## 7862	3	0.9999999
## 7863	1	0.9999999
## 7864	2	0.9999999
## 7865	3	0.9999999
## 7866	1	0.9999999
## 7867	1	0.9999999
## 7868	4	0.9999999
## 7869	2	0.9999999
## 7870	0	0.9999999
## 7871	2	0.9999999
## 7872	2	0.9999999
## 7873	2	0.9999999
## 7874	2	0.9999999
## 7875	3	0.9999999
## 7876	2	0.9999999
## 7877	4	0.9999999
## 7878	3	0.9999999
## 7879	4	0.9999999
## 7880	2	0.9999999
## 7881	4	0.9999999
## 7882	0	0.9999999
## 7883	2	0.9999999
## 7884	2	0.9999999
## 7885	3	0.9999999
## 7886	2	0.9999999
## 7887	1	0.9999999
## 7888	2	0.9999999
## 7889	3	0.9999999
## 7890	2	0.9999999
## 7891	3	0.9999999
## 7892	3	0.9999999
## 7893	2	0.9999999
## 7894	3	0.9999999
## 7895	4	0.9999999
## 7896	2	0.9999998
## 7897	2	0.9999999
## 7898	2	0.9999999
## 7899	3	0.9999999
## 7900	2	0.9999999
## 7901	2	0.9999999
## 7902	4	0.9999999
## 7903	2	0.9999999
## 7904	2	0.9999998
## 7905	2	0.9999999
## 7906	4	0.9999999
## 7907	2	0.9999999
## 7908	2	0.9999999
## 7909	2	0.9999999
## 7910	3	0.9999999
## 7911	2	0.9999999
## 7912	2	0.9999999
## 7913	3	0.9999999

## 7914	3	0.9999999
## 7915	2	0.9999999
## 7916	2	0.9999999
## 7917	3	0.9999999
## 7918	2	0.9999999
## 7919	2	0.9999999
## 7920	4	0.9999999
## 7921	2	0.9999999
## 7922	4	0.9999998
## 7923	4	0.9999999
## 7924	2	0.9999999
## 7925	1	0.9999999
## 7926	3	0.9999999
## 7927	1	0.9999999
## 7928	0	0.9999999
## 7929	2	0.9999999
## 7930	3	0.9999999
## 7931	2	0.9999999
## 7932	0	0.9999999
## 7933	2	0.9999999
## 7934	2	0.9999999
## 7935	4	0.9999999
## 7936	4	0.9999999
## 7937	4	0.9999999
## 7938	4	0.9999999
## 7939	3	0.9999999
## 7940	4	0.9999999
## 7941	2	0.9999999
## 7942	3	0.9999999
## 7943	3	0.9999999
## 7944	2	0.9999998
## 7945	2	0.9999999
## 7946	4	0.9999999
## 7947	2	0.9999999
## 7948	2	0.9999999
## 7949	3	0.9999999
## 7950	3	0.9999999
## 7951	2	0.9999999
## 7952	2	0.9999999
## 7953	2	0.9999999
## 7954	2	0.9999999
## 7955	3	0.9999999
## 7956	4	0.9999999
## 7957	3	0.9999999
## 7958	4	0.9999999
## 7959	2	0.9999999
## 7960	3	0.9999999
## 7961	3	0.9999999
## 7962	1	0.9999999
## 7963	4	0.9999999
## 7964	2	0.9999999
## 7965	1	0.9999999
## 7966	2	0.9999999
## 7967	2	0.9999999

## 7968	2	0.9999999
## 7969	3	0.9999999
## 7970	2	0.9999999
## 7971	2	0.9999999
## 7972	2	0.9999999
## 7973	2	0.9999999
## 7974	4	0.9999999
## 7975	4	0.9999999
## 7976	1	0.9999999
## 7977	4	0.9999999
## 7978	4	0.9999999
## 7979	3	0.9999999
## 7980	2	0.9999999
## 7981	2	0.9999998
## 7982	4	0.9999999
## 7983	2	0.9999999
## 7984	2	0.9999999
## 7985	2	0.9999999
## 7986	4	0.9999999
## 7987	4	0.9999999
## 7988	3	0.9999999
## 7989	2	0.9999999
## 7990	1	0.9999999
## 7991	2	0.9999999
## 7992	2	0.9999999
## 7993	2	0.9999999
## 7994	2	0.9999999
## 7995	4	0.9999999
## 7996	2	0.9999999
## 7997	3	0.9999999
## 7998	2	0.9999999
## 7999	4	0.9999999
## 8000	3	0.9999999
## 8001	2	0.9999999
## 8002	1	0.9999999
## 8003	1	0.9999999
## 8004	2	0.9999997
## 8005	3	0.9999999
## 8006	3	0.9999999
## 8007	2	0.9999999
## 8008	4	0.9999999
## 8009	3	0.9999999
## 8010	4	0.9999999
## 8011	4	0.9999999
## 8012	2	0.9999999
## 8013	4	0.9999999
## 8014	2	0.9999999
## 8015	1	0.9999999
## 8016	2	0.9999999
## 8017	3	0.9999999
## 8018	2	0.9999999
## 8019	2	0.9999999
## 8020	3	0.9999998
## 8021	4	0.9999998

## 8022	3	0.9999999
## 8023	3	0.9999999
## 8024	0	0.9999999
## 8025	3	0.9999999
## 8026	2	0.9999999
## 8027	1	0.9999999
## 8028	4	0.9999999
## 8029	4	0.9999999
## 8030	4	0.9999999
## 8031	3	0.9999999
## 8032	2	0.9999999
## 8033	2	0.9999999
## 8034	4	0.9999999
## 8035	2	0.9999999
## 8036	2	0.9999999
## 8037	4	0.9999999
## 8038	2	0.9999999
## 8039	3	0.9999999
## 8040	2	0.9999998
## 8041	4	0.9999998
## 8042	3	0.9999999
## 8043	3	0.9999999
## 8044	2	0.9999999
## 8045	2	0.9999999
## 8046	4	0.9999999
## 8047	2	0.9999999
## 8048	2	0.9999998
## 8049	4	0.9999999
## 8050	3	0.9999999
## 8051	3	0.9999999
## 8052	4	0.9999999
## 8053	2	0.9999999
## 8054	2	0.9999999
## 8055	2	0.9999999
## 8056	4	0.9999999
## 8057	3	0.9999999
## 8058	2	0.9999999
## 8059	4	0.9999999
## 8060	1	0.9999999
## 8061	3	0.9999999
## 8062	2	0.9999999
## 8063	4	0.9999999
## 8064	2	0.9999999
## 8065	3	0.9999999
## 8066	2	0.9999999
## 8067	2	0.9999999
## 8068	4	0.9999999
## 8069	1	0.9999999
## 8070	4	0.9999999
## 8071	2	0.9999999
## 8072	4	0.9999999
## 8073	3	0.9999999
## 8074	3	0.9999999
## 8075	2	0.9999999

## 8076	2	0.9999999
## 8077	2	0.9999999
## 8078	2	0.9999999
## 8079	2	0.9999999
## 8080	3	0.9999999
## 8081	3	0.9999999
## 8082	3	0.9999998
## 8083	3	0.9999999
## 8084	4	0.9999999
## 8085	2	0.9999999
## 8086	2	0.9999999
## 8087	3	0.9999999
## 8088	2	0.9999999
## 8089	1	0.9999999
## 8090	2	0.9999999
## 8091	4	0.9999999
## 8092	1	0.9999999
## 8093	1	0.9999999
## 8094	3	0.9999999
## 8095	2	0.9999999
## 8096	2	0.9999999
## 8097	4	0.9999999
## 8098	2	0.9999999
## 8099	2	0.9999999
## 8100	2	0.9999999
## 8101	4	0.9999999
## 8102	2	0.9999999
## 8103	0	0.9999999
## 8104	2	0.9999999
## 8105	3	0.9999999
## 8106	4	0.9999999
## 8107	2	0.9999999
## 8108	1	0.9999998
## 8109	3	0.9999999
## 8110	3	0.9999999
## 8111	2	0.9999999
## 8112	2	0.9999999
## 8113	2	0.9999999
## 8114	3	0.9999999
## 8115	2	0.9999999
## 8116	2	0.9999999
## 8117	2	0.9999999
## 8118	3	0.9999999
## 8119	4	0.9999999
## 8120	3	0.9999998
## 8121	2	0.9999999
## 8122	4	0.9999999
## 8123	2	0.9999999
## 8124	4	0.9999999
## 8125	2	0.9999999
## 8126	4	0.9999999
## 8127	2	0.9999999
## 8128	2	0.9999999
## 8129	2	0.9999999

## 8130	2	0.9999999
## 8131	1	0.9999999
## 8132	3	0.9999999
## 8133	2	0.9999999
## 8134	2	0.9999999
## 8135	2	0.9999999
## 8136	2	0.9999999
## 8137	3	0.9999999
## 8138	4	0.9999999
## 8139	2	0.9999999
## 8140	3	0.9999999
## 8141	2	0.9999999
## 8142	2	0.9999999
## 8143	2	0.9999999
## 8144	3	0.9999999
## 8145	2	0.9999999
## 8146	2	0.9999999
## 8147	4	0.9999999
## 8148	2	0.9999999
## 8149	2	0.9999999
## 8150	2	0.9999999
## 8151	4	0.9999999
## 8152	3	0.9999999
## 8153	3	0.9999999
## 8154	2	0.9999998
## 8155	3	0.9999999
## 8156	4	0.9999998
## 8157	4	0.9999998
## 8158	4	0.9999999
## 8159	4	0.9999999
## 8160	3	0.9999999
## 8161	1	0.9999999
## 8162	1	0.9999999
## 8163	2	0.9999999
## 8164	2	0.9999999
## 8165	2	0.9999999
## 8166	4	0.9999999
## 8167	4	0.9999999
## 8168	2	0.9999999
## 8169	3	0.9999999
## 8170	1	0.9999999
## 8171	2	0.9999999
## 8172	4	0.9999999
## 8173	2	0.9999999
## 8174	2	0.9999999
## 8175	3	0.9999999
## 8176	3	0.9999999
## 8177	3	0.9999999
## 8178	2	0.9999999
## 8179	1	0.9999999
## 8180	1	0.9999999
## 8181	4	0.9999999
## 8182	4	0.9999999
## 8183	0	0.9999999

## 8184	2	0.9999999
## 8185	4	0.9999999
## 8186	3	0.9999999
## 8187	3	0.9999999
## 8188	2	0.9999999
## 8189	3	0.9999999
## 8190	1	0.9999998
## 8191	4	0.9999999
## 8192	4	0.9999999
## 8193	2	0.9999999
## 8194	2	0.9999999
## 8195	2	0.9999999
## 8196	2	0.9999999
## 8197	3	0.9999999
## 8198	2	0.9999999
## 8199	2	0.9999999
## 8200	2	0.9999999
## 8201	4	0.9999999
## 8202	2	0.9999999
## 8203	2	0.9999999
## 8204	2	0.9999999
## 8205	2	0.9999999
## 8206	3	0.9999999
## 8207	3	0.9999999
## 8208	2	0.9999999
## 8209	0	0.9999999
## 8210	4	0.9999999
## 8211	2	0.9999999
## 8212	2	0.9999999
## 8213	2	0.9999999
## 8214	2	0.9999999
## 8215	3	0.9999999
## 8216	3	0.9999999
## 8217	4	0.9999999
## 8218	2	0.9999999
## 8219	4	0.9999999
## 8220	2	0.9999999
## 8221	3	0.9999999
## 8222	2	0.9999999
## 8223	3	0.9999999
## 8224	4	0.9999999
## 8225	4	0.9999999
## 8226	2	0.9999999
## 8227	2	0.9999999
## 8228	4	0.9999999
## 8229	3	0.9999999
## 8230	3	0.9999999
## 8231	2	0.9999999
## 8232	2	0.9999999
## 8233	2	0.9999999
## 8234	4	0.9999999
## 8235	3	0.9999999
## 8236	2	0.9999999
## 8237	4	0.9999999

## 8238	1	0.9999999
## 8239	2	0.9999999
## 8240	3	0.9999999
## 8241	1	0.9999999
## 8242	4	0.9999999
## 8243	2	0.9999999
## 8244	2	0.9999999
## 8245	4	0.9999999
## 8246	0	0.9999999
## 8247	4	0.9999998
## 8248	3	0.9999998
## 8249	3	0.9999999
## 8250	3	0.9999999
## 8251	2	0.9999999
## 8252	4	0.9999999
## 8253	3	0.9999999
## 8254	2	0.9999999
## 8255	4	0.9999999
## 8256	2	0.9999999
## 8257	2	0.9999999
## 8258	3	0.9999998
## 8259	2	0.9999999
## 8260	2	0.9999999
## 8261	2	0.9999999
## 8262	3	0.9999999
## 8263	4	0.9999999
## 8264	1	0.9999999
## 8265	3	0.9999999
## 8266	2	0.9999999
## 8267	2	0.9999999
## 8268	3	0.9999999
## 8269	3	0.9999999
## 8270	4	0.9999999
## 8271	4	0.9999999
## 8272	0	0.9999999
## 8273	2	0.9999999
## 8274	2	0.9999999
## 8275	4	0.9999999
## 8276	0	0.9999999
## 8277	2	0.9999998
## 8278	2	0.9999999
## 8279	3	0.9999999
## 8280	4	0.9999999
## 8281	3	0.9999999
## 8282	2	0.9999999
## 8283	4	0.9999999
## 8284	2	0.9999999
## 8285	3	0.9999999
## 8286	3	0.9999999
## 8287	4	0.9999999
## 8288	2	0.9999999
## 8289	3	0.9999998
## 8290	2	0.9999999
## 8291	2	0.9999999

## 8292	4	0.9999999
## 8293	2	0.9999999
## 8294	3	0.9999999
## 8295	2	0.9999999
## 8296	3	0.9999999
## 8297	4	0.9999999
## 8298	4	0.9999999
## 8299	4	0.9999999
## 8300	3	0.9999999
## 8301	4	0.9999999
## 8302	0	0.9999998
## 8303	2	0.9999999
## 8304	1	0.9999999
## 8305	2	0.9999999
## 8306	3	0.9999999
## 8307	2	0.9999999
## 8308	2	0.9999999
## 8309	3	0.9999999
## 8310	3	0.9999999
## 8311	2	0.9999999
## 8312	2	0.9999998
## 8313	2	0.9999999
## 8314	4	0.9999999
## 8315	3	0.9999999
## 8316	4	0.9999999
## 8317	4	0.9999999
## 8318	2	0.9999999
## 8319	3	0.9999999
## 8320	2	0.9999999
## 8321	2	0.9999999
## 8322	4	0.9999999
## 8323	4	0.9999999
## 8324	2	0.9999999
## 8325	4	0.9999999
## 8326	3	0.9999999
## 8327	2	0.9999999
## 8328	4	0.9999999
## 8329	2	0.9999999
## 8330	1	0.9999998
## 8331	4	0.9999999
## 8332	2	0.9999999
## 8333	4	0.9999999
## 8334	0	0.9999999
## 8335	2	0.9999999
## 8336	2	0.9999999
## 8337	4	0.9999999
## 8338	4	0.9999999
## 8339	3	0.9999998
## 8340	3	0.9999998
## 8341	2	0.9999999
## 8342	3	0.9999999
## 8343	2	0.9999999
## 8344	3	0.9999999
## 8345	4	0.9999998

## 8346	4	0.9999998
## 8347	4	0.9999999
## 8348	2	0.9999999
## 8349	2	0.9999999
## 8350	4	0.9999999
## 8351	4	0.9999999
## 8352	3	0.9999999
## 8353	2	0.9999999
## 8354	2	0.9999999
## 8355	1	0.9999999
## 8356	3	0.9999999
## 8357	3	0.9999998
## 8358	2	0.9999999
## 8359	2	0.9999999
## 8360	1	0.9999999
## 8361	2	0.9999999
## 8362	3	0.9999999
## 8363	2	0.9999999
## 8364	3	0.9999999
## 8365	3	0.9999998
## 8366	4	0.9999999
## 8367	4	0.9999999
## 8368	1	0.9999999
## 8369	4	0.9999999
## 8370	1	0.9999999
## 8371	2	0.9999999
## 8372	3	0.9999999
## 8373	3	0.9999999
## 8374	2	0.9999999
## 8375	2	0.9999999
## 8376	4	0.9999999
## 8377	2	0.9999999
## 8378	2	0.9999999
## 8379	3	0.9999999
## 8380	3	0.9999999
## 8381	3	0.9999999
## 8382	2	0.9999999
## 8383	2	0.9999999
## 8384	2	0.9999999
## 8385	2	0.9999999
## 8386	4	0.9999999
## 8387	4	0.9999999
## 8388	2	0.9999999
## 8389	2	0.9999999
## 8390	3	0.9999999
## 8391	0	0.9999999
## 8392	4	0.9999998
## 8393	2	0.9999999
## 8394	4	0.9999999
## 8395	2	0.9999999
## 8396	3	0.9999999
## 8397	2	0.9999998
## 8398	2	0.9999999
## 8399	1	0.9999999

## 8400	2	0.9999999
## 8401	2	0.9999999
## 8402	2	0.9999999
## 8403	3	0.9999999
## 8404	2	0.9999999
## 8405	3	0.9999999
## 8406	4	0.9999999
## 8407	2	0.9999999
## 8408	3	0.9999999
## 8409	2	0.9999999
## 8410	4	0.9999999
## 8411	2	0.9999999
## 8412	4	0.9999999
## 8413	2	0.9999999
## 8414	3	0.9999999
## 8415	2	0.9999999
## 8416	2	0.9999999
## 8417	4	0.9999999
## 8418	3	0.9999999
## 8419	4	0.9999999
## 8420	2	0.9999999
## 8421	3	0.9999999
## 8422	2	0.9999999
## 8423	0	0.9999999
## 8424	3	0.9999999
## 8425	4	0.9999999
## 8426	2	0.9999999
## 8427	4	0.9999999
## 8428	2	0.9999999
## 8429	4	0.9999999
## 8430	3	0.9999999
## 8431	2	0.9999999
## 8432	4	0.9999999
## 8433	4	0.9999999
## 8434	3	0.9999999
## 8435	2	0.9999999
## 8436	4	0.9999998
## 8437	1	0.9999997
## 8438	2	0.9999999
## 8439	3	0.9999999
## 8440	2	0.9999999
## 8441	3	0.9999999
## 8442	2	0.9999999
## 8443	3	0.9999999
## 8444	1	0.9999999
## 8445	3	0.9999999
## 8446	4	0.9999999
## 8447	3	0.9999999
## 8448	3	0.9999999
## 8449	3	0.9999999
## 8450	2	0.9999999
## 8451	0	0.9999999
## 8452	2	0.9999999
## 8453	4	0.9999999

## 8454	4	0.9999999
## 8455	3	0.9999999
## 8456	2	0.9999999
## 8457	4	0.9999999
## 8458	2	0.9999999
## 8459	4	0.9999999
## 8460	3	0.9999999
## 8461	3	0.9999999
## 8462	3	0.9999999
## 8463	2	0.9999999
## 8464	3	0.9999999
## 8465	2	0.9999999
## 8466	3	0.9999999
## 8467	3	0.9999999
## 8468	1	0.9999999
## 8469	0	0.9999999
## 8470	3	0.9999999
## 8471	2	0.9999999
## 8472	4	0.9999999
## 8473	2	0.9999999
## 8474	2	0.9999999
## 8475	0	0.9999999
## 8476	2	0.9999999
## 8477	2	0.9999999
## 8478	2	0.9999999
## 8479	2	0.9999999
## 8480	4	0.9999999
## 8481	3	0.9999999
## 8482	2	0.9999999
## 8483	3	0.9999999
## 8484	2	0.9999999
## 8485	2	0.9999999
## 8486	2	0.9999999
## 8487	2	0.9999999
## 8488	2	0.9999999
## 8489	3	0.9999999
## 8490	3	0.9999999
## 8491	4	0.9999999
## 8492	0	0.9999999
## 8493	4	0.9999999
## 8494	3	0.9999999
## 8495	1	0.9999999
## 8496	1	0.9999999
## 8497	2	0.9999999
## 8498	3	0.9999999
## 8499	2	0.9999999
## 8500	2	0.9999999
## 8501	4	0.9999999
## 8502	2	0.9999999
## 8503	1	0.9999999
## 8504	3	0.9999999
## 8505	2	0.9999999
## 8506	4	0.9999999
## 8507	2	0.9999999

## 8508	3	0.9999999
## 8509	2	0.9999999
## 8510	4	0.9999999
## 8511	2	0.9999999
## 8512	2	0.9999999
## 8513	4	0.9999999
## 8514	4	0.9999998
## 8515	2	0.9999999
## 8516	3	0.9999999
## 8517	2	0.9999999
## 8518	2	0.9999999
## 8519	4	0.9999999
## 8520	2	0.9999999
## 8521	4	0.9999999
## 8522	1	0.9999999
## 8523	4	0.9999999
## 8524	4	0.9999999
## 8525	2	0.9999999
## 8526	4	0.9999999
## 8527	2	0.9999999
## 8528	2	0.9999999
## 8529	2	0.9999999
## 8530	1	0.9999999
## 8531	2	0.9999999
## 8532	3	0.9999999
## 8533	3	0.9999998
## 8534	2	0.9999999
## 8535	2	0.9999999
## 8536	2	0.9999999
## 8537	2	0.9999999
## 8538	3	0.9999999
## 8539	3	0.9999999
## 8540	4	0.9999999
## 8541	2	0.9999999
## 8542	2	0.9999999
## 8543	2	0.9999998
## 8544	2	0.9999999
## 8545	2	0.9999999
## 8546	4	0.9999999
## 8547	4	0.9999999
## 8548	0	0.9999999
## 8549	4	0.9999999
## 8550	1	0.9999998
## 8551	3	0.9999999
## 8552	4	0.9999999
## 8553	3	0.9999999
## 8554	0	0.9999999
## 8555	0	0.9999999
## 8556	2	0.9999999
## 8557	4	0.9999999
## 8558	2	0.9999999
## 8559	2	0.9999999
## 8560	3	0.9999999
## 8561	2	0.9999999

## 8562	3	0.9999999
## 8563	2	0.9999999
## 8564	3	0.9999998
## 8565	2	0.9999999
## 8566	2	0.9999999
## 8567	2	0.9999998
## 8568	2	0.9999999
## 8569	3	0.9999999
## 8570	2	0.9999999
## 8571	0	0.9999999
## 8572	1	0.9999999
## 8573	1	0.9999999
## 8574	0	0.9999999
## 8575	3	0.9999999
## 8576	4	0.9999998
## 8577	4	0.9999999
## 8578	4	0.9999999
## 8579	2	0.9999999
## 8580	3	0.9999998
## 8581	2	0.9999999
## 8582	1	0.9999999
## 8583	2	0.9999999
## 8584	4	0.9999999
## 8585	3	0.9999999
## 8586	2	0.9999999
## 8587	3	0.9999999
## 8588	4	0.9999999
## 8589	3	0.9999999
## 8590	4	0.9999999
## 8591	2	0.9999999
## 8592	3	0.9999999
## 8593	4	0.9999999
## 8594	4	0.9999999
## 8595	4	0.9999999
## 8596	3	0.9999999
## 8597	2	0.9999999
## 8598	2	0.9999999
## 8599	3	0.9999999
## 8600	3	0.9999998
## 8601	4	0.9999999
## 8602	4	0.9999999
## 8603	2	0.9999999
## 8604	2	0.9999998
## 8605	3	0.9999999
## 8606	3	0.9999999
## 8607	2	0.9999999
## 8608	2	0.9999999
## 8609	2	0.9999999
## 8610	2	0.9999999
## 8611	3	0.9999999
## 8612	2	0.9999999
## 8613	2	0.9999999
## 8614	2	0.9999999
## 8615	3	0.9999999

## 8616	2	0.9999999
## 8617	4	0.9999999
## 8618	2	0.9999999
## 8619	2	0.9999999
## 8620	2	0.9999999
## 8621	0	0.9999999
## 8622	3	0.9999999
## 8623	4	0.9999999
## 8624	3	0.9999999
## 8625	1	0.9999999
## 8626	2	0.9999999
## 8627	2	0.9999999
## 8628	4	0.9999999
## 8629	4	0.9999999
## 8630	1	0.9999999
## 8631	3	0.9999999
## 8632	2	0.9999999
## 8633	4	0.9999999
## 8634	2	0.9999999
## 8635	3	0.9999999
## 8636	3	0.9999999
## 8637	2	0.9999999
## 8638	4	0.9999999
## 8639	1	0.9999999
## 8640	2	0.9999999
## 8641	3	0.9999999
## 8642	4	0.9999999
## 8643	4	0.9999999
## 8644	0	0.9999999
## 8645	2	0.9999999
## 8646	2	0.9999999
## 8647	2	0.9999998
## 8648	2	0.9999999
## 8649	4	0.9999999
## 8650	2	0.9999999
## 8651	4	0.9999999
## 8652	3	0.9999999
## 8653	4	0.9999999
## 8654	4	0.9999999
## 8655	4	0.9999999
## 8656	2	0.9999999
## 8657	2	0.9999998
## 8658	2	0.9999999
## 8659	2	0.9999999
## 8660	3	0.9999999
## 8661	3	0.9999999
## 8662	0	0.9999999
## 8663	2	0.9999999
## 8664	2	0.9999999
## 8665	2	0.9999999
## 8666	3	0.9999999
## 8667	2	0.9999999
## 8668	2	0.9999999
## 8669	3	0.9999999

## 8670	1	0.9999999
## 8671	4	0.9999999
## 8672	3	0.9999999
## 8673	4	0.9999999
## 8674	3	0.9999999
## 8675	2	0.9999999
## 8676	3	0.9999999
## 8677	2	0.9999999
## 8678	4	0.9999999
## 8679	2	0.9999999
## 8680	2	0.9999999
## 8681	2	0.9999999
## 8682	3	0.9999999
## 8683	3	0.9999999
## 8684	3	0.9999999
## 8685	1	0.9999999
## 8686	2	0.9999999
## 8687	2	0.9999999
## 8688	4	0.9999999
## 8689	2	0.9999999
## 8690	1	0.9999999
## 8691	4	0.9999999
## 8692	2	0.9999999
## 8693	3	0.9999999
## 8694	3	0.9999999
## 8695	3	0.9999999
## 8696	2	0.9999999
## 8697	2	0.9999999
## 8698	2	0.9999999
## 8699	4	0.9999999
## 8700	3	0.9999998
## 8701	4	0.9999999
## 8702	2	0.9999999
## 8703	2	0.9999999
## 8704	2	0.9999999
## 8705	3	0.9999999
## 8706	2	0.9999999
## 8707	3	0.9999999
## 8708	3	0.9999999
## 8709	4	0.9999999
## 8710	4	0.9999999
## 8711	4	0.9999998
## 8712	4	0.9999999
## 8713	2	0.9999999
## 8714	4	0.9999999
## 8715	4	0.9999999
## 8716	2	0.9999999
## 8717	2	0.9999999
## 8718	2	0.9999999
## 8719	3	0.9999999
## 8720	3	0.9999999
## 8721	2	0.9999999
## 8722	4	0.9999999
## 8723	2	0.9999999

## 8724	2	0.9999999
## 8725	3	0.9999999
## 8726	2	0.9999999
## 8727	2	0.9999999
## 8728	2	0.9999999
## 8729	4	0.9999999
## 8730	2	0.9999999
## 8731	2	0.9999999
## 8732	2	0.9999999
## 8733	4	0.9999999
## 8734	3	0.9999999
## 8735	0	0.9999999
## 8736	4	0.9999999
## 8737	4	0.9999999
## 8738	4	0.9999999
## 8739	2	0.9999999
## 8740	1	0.9999999
## 8741	0	0.9999999
## 8742	3	0.9999999
## 8743	2	0.9999999
## 8744	3	0.9999999
## 8745	3	0.9999998
## 8746	3	0.9999999
## 8747	4	0.9999999
## 8748	3	0.9999999
## 8749	1	0.9999999
## 8750	1	0.9999999
## 8751	3	0.9999998
## 8752	3	0.9999999
## 8753	3	0.9999998
## 8754	4	0.9999999
## 8755	3	0.9999999
## 8756	2	0.9999999
## 8757	2	0.9999999
## 8758	4	0.9999999
## 8759	4	0.9999999
## 8760	4	0.9999999
## 8761	2	0.9999999
## 8762	2	0.9999999
## 8763	4	0.9999999
## 8764	0	0.9999999
## 8765	2	0.9999999
## 8766	3	0.9999999
## 8767	2	0.9999999
## 8768	3	0.9999999
## 8769	2	0.9999999
## 8770	0	0.9999999
## 8771	2	0.9999999
## 8772	4	0.9999999
## 8773	4	0.9999999
## 8774	2	0.9999999
## 8775	3	0.9999999
## 8776	2	0.9999999
## 8777	2	0.9999999

## 8778	3	0.9999999
## 8779	1	0.9999999
## 8780	4	0.9999999
## 8781	4	0.9999999
## 8782	3	0.9999999
## 8783	4	0.9999999
## 8784	1	0.9999999
## 8785	0	0.9999999
## 8786	4	0.9999999
## 8787	2	0.9999999
## 8788	4	0.9999999
## 8789	3	0.9999999
## 8790	2	0.9999999
## 8791	3	0.9999999
## 8792	3	0.9999998
## 8793	2	0.9999999
## 8794	2	0.9999999
## 8795	3	0.9999999
## 8796	4	0.9999999
## 8797	2	0.9999999
## 8798	1	0.9999999
## 8799	3	0.9999999
## 8800	2	0.9999999
## 8801	3	0.9999999
## 8802	2	0.9999999
## 8803	2	0.9999999
## 8804	1	0.9999999
## 8805	3	0.9999999
## 8806	4	0.9999999
## 8807	2	0.9999999
## 8808	2	0.9999998
## 8809	2	0.9999999
## 8810	4	0.9999999
## 8811	4	0.9999999
## 8812	4	0.9999999
## 8813	2	0.9999999
## 8814	2	0.9999999
## 8815	1	0.9999999
## 8816	2	0.9999999
## 8817	1	0.9999999
## 8818	3	0.9999999
## 8819	2	0.9999999
## 8820	1	0.9999999
## 8821	2	0.9999999
## 8822	2	0.9999999
## 8823	4	0.9999999
## 8824	2	0.9999999
## 8825	4	0.9999999
## 8826	3	0.9999999
## 8827	4	0.9999999
## 8828	1	0.9999999
## 8829	0	0.9999999
## 8830	0	0.9999999
## 8831	4	0.9999999

## 8832	2	0.9999999
## 8833	3	0.9999999
## 8834	0	0.9999999
## 8835	4	0.9999999
## 8836	4	0.9999999
## 8837	2	0.9999999
## 8838	3	0.9999999
## 8839	2	0.9999999
## 8840	3	0.9999999
## 8841	2	0.9999999
## 8842	4	0.9999999
## 8843	2	0.9999999
## 8844	4	0.9999999
## 8845	2	0.9999999
## 8846	1	0.9999999
## 8847	4	0.9999999
## 8848	3	0.9999999
## 8849	2	0.9999999
## 8850	2	0.9999999
## 8851	2	0.9999998
## 8852	0	0.9999999
## 8853	1	0.9999999
## 8854	3	0.9999999
## 8855	2	0.9999999
## 8856	2	0.9999999
## 8857	3	0.9999999
## 8858	3	0.9999999
## 8859	4	0.9999999
## 8860	2	0.9999999
## 8861	3	0.9999999
## 8862	3	0.9999998
## 8863	4	0.9999999
## 8864	3	0.9999999
## 8865	2	0.9999999
## 8866	0	0.9999999
## 8867	4	0.9999999
## 8868	3	0.9999999
## 8869	2	0.9999999
## 8870	3	0.9999999
## 8871	1	0.9999999
## 8872	2	0.9999999
## 8873	2	0.9999999
## 8874	2	0.9999999
## 8875	2	0.9999999
## 8876	2	0.9999999
## 8877	2	0.9999999
## 8878	2	0.9999999
## 8879	3	0.9999999
## 8880	4	0.9999999
## 8881	2	0.9999998
## 8882	2	0.9999999
## 8883	2	0.9999999
## 8884	2	0.9999999
## 8885	2	0.9999999

## 8886	1	0.9999999
## 8887	4	0.9999999
## 8888	2	0.9999998
## 8889	1	0.9999999
## 8890	1	0.9999999
## 8891	2	0.9999999
## 8892	2	0.9999998
## 8893	4	0.9999999
## 8894	2	0.9999999
## 8895	4	0.9999999
## 8896	2	0.9999999
## 8897	3	0.9999999
## 8898	2	0.9999999
## 8899	1	0.9999999
## 8900	2	0.9999999
## 8901	4	0.9999999
## 8902	4	0.9999998
## 8903	3	0.9999999
## 8904	4	0.9999999
## 8905	3	0.9999999
## 8906	3	0.9999999
## 8907	0	0.9999999
## 8908	2	0.9999999
## 8909	3	0.9999999
## 8910	4	0.9999999
## 8911	2	0.9999999
## 8912	3	0.9999999
## 8913	2	0.9999998
## 8914	4	0.9999999
## 8915	2	0.9999999
## 8916	4	0.9999999
## 8917	0	0.9999999
## 8918	3	0.9999999
## 8919	3	0.9999999
## 8920	2	0.9999998
## 8921	2	0.9999998
## 8922	4	0.9999999
## 8923	4	0.9999999
## 8924	1	0.9999999
## 8925	3	0.9999999
## 8926	4	0.9999999
## 8927	3	0.9999999
## 8928	4	0.9999999
## 8929	3	0.9999999
## 8930	2	0.9999999
## 8931	4	0.9999999
## 8932	2	0.9999999
## 8933	2	0.9999999
## 8934	3	0.9999999
## 8935	2	0.9999999
## 8936	2	0.9999999
## 8937	2	0.9999999
## 8938	2	0.9999999
## 8939	4	0.9999998

## 8940	4	0.9999999
## 8941	4	0.9999999
## 8942	0	0.9999999
## 8943	3	0.9999998
## 8944	2	0.9999999
## 8945	2	0.9999999
## 8946	4	0.9999999
## 8947	3	0.9999999
## 8948	3	0.9999999
## 8949	2	0.9999999
## 8950	4	0.9999999
## 8951	3	0.9999999
## 8952	2	0.9999999
## 8953	2	0.9999999
## 8954	2	0.9999999
## 8955	4	0.9999999
## 8956	2	0.9999999
## 8957	3	0.9999999
## 8958	3	0.9999999
## 8959	4	0.9999999
## 8960	2	0.9999999
## 8961	2	0.9999999
## 8962	4	0.9999999
## 8963	4	0.9999999
## 8964	4	0.9999999
## 8965	3	0.9999999
## 8966	3	0.9999999
## 8967	0	0.9999999
## 8968	4	0.9999999
## 8969	4	0.9999999
## 8970	0	0.9999999
## 8971	1	0.9999999
## 8972	3	0.9999999
## 8973	4	0.9999999
## 8974	4	0.9999999
## 8975	2	0.9999999
## 8976	2	0.9999999
## 8977	4	0.9999999
## 8978	3	0.9999999
## 8979	3	0.9999999
## 8980	4	0.9999999
## 8981	2	0.9999999
## 8982	3	0.9999999
## 8983	2	0.9999999
## 8984	2	0.9999999
## 8985	3	0.9999999
## 8986	1	0.9999999
## 8987	3	0.9999999
## 8988	2	0.9999999
## 8989	3	0.9999999
## 8990	3	0.9999999
## 8991	3	0.9999999
## 8992	2	0.9999999
## 8993	2	0.9999999

## 8994	3	0.9999999
## 8995	2	0.9999999
## 8996	2	0.9999999
## 8997	3	0.9999999
## 8998	4	0.9999999
## 8999	4	0.9999999
## 9000	4	0.9999999
## 9001	3	0.9999999
## 9002	4	0.9999999
## 9003	2	0.9999999
## 9004	3	0.9999999
## 9005	2	0.9999999
## 9006	1	0.9999999
## 9007	3	0.9999999
## 9008	3	0.9999999
## 9009	3	0.9999999
## 9010	4	0.9999999
## 9011	3	0.9999999
## 9012	0	0.9999999
## 9013	3	0.9999999
## 9014	4	0.9999999
## 9015	2	0.9999999
## 9016	2	0.9999999
## 9017	3	0.9999999
## 9018	2	0.9999999
## 9019	2	0.9999999
## 9020	4	0.9999999
## 9021	4	0.9999999
## 9022	2	0.9999999
## 9023	0	0.9999999
## 9024	2	0.9999999
## 9025	2	0.9999999
## 9026	1	0.9999999
## 9027	2	0.9999999
## 9028	1	0.9999999
## 9029	4	0.9999999
## 9030	2	0.9999999
## 9031	3	0.9999999
## 9032	4	0.9999999
## 9033	3	0.9999999
## 9034	4	0.9999999
## 9035	3	0.9999999
## 9036	0	0.9999999
## 9037	2	0.9999999
## 9038	3	0.9999999
## 9039	2	0.9999999
## 9040	2	0.9999999
## 9041	3	0.9999999
## 9042	3	0.9999998
## 9043	0	0.9999999
## 9044	4	0.9999999
## 9045	2	0.9999999
## 9046	3	0.9999999
## 9047	2	0.9999999

## 9048	3	0.9999999
## 9049	1	0.9999998
## 9050	2	0.9999999
## 9051	2	0.9999999
## 9052	3	0.9999999
## 9053	3	0.9999999
## 9054	2	0.9999998
## 9055	4	0.9999999
## 9056	2	0.9999999
## 9057	2	0.9999999
## 9058	4	0.9999999
## 9059	4	0.9999999
## 9060	4	0.9999999
## 9061	2	0.9999999
## 9062	3	0.9999999
## 9063	4	0.9999999
## 9064	2	0.9999999
## 9065	4	0.9999999
## 9066	0	0.9999998
## 9067	2	0.9999999
## 9068	2	0.9999999
## 9069	2	0.9999999
## 9070	1	0.9999999
## 9071	3	0.9999999
## 9072	1	0.9999998
## 9073	2	0.9999999
## 9074	2	0.9999999
## 9075	0	0.9999999
## 9076	2	0.9999999
## 9077	2	0.9999999
## 9078	2	0.9999999
## 9079	4	0.9999999
## 9080	4	0.9999999
## 9081	3	0.9999999
## 9082	3	0.9999999
## 9083	3	0.9999999
## 9084	2	0.9999999
## 9085	2	0.9999999
## 9086	2	0.9999998
## 9087	3	0.9999999
## 9088	2	0.9999999
## 9089	2	0.9999999
## 9090	2	0.9999999
## 9091	4	0.9999999
## 9092	2	0.9999999
## 9093	2	0.9999998
## 9094	2	0.9999999
## 9095	3	0.9999999
## 9096	1	0.9999999
## 9097	4	0.9999999
## 9098	2	0.9999999
## 9099	2	0.9999999
## 9100	3	0.9999999
## 9101	2	0.9999999

## 9102	1	0.9999999
## 9103	4	0.9999999
## 9104	3	0.9999999
## 9105	2	0.9999999
## 9106	2	0.9999999
## 9107	4	0.9999999
## 9108	4	0.9999999
## 9109	4	0.9999999
## 9110	4	0.9999999
## 9111	3	0.9999999
## 9112	3	0.9999999
## 9113	3	0.9999998
## 9114	2	0.9999999
## 9115	3	0.9999999
## 9116	2	0.9999999
## 9117	2	0.9999999
## 9118	2	0.9999999
## 9119	3	0.9999999
## 9120	3	0.9999999
## 9121	2	0.9999999
## 9122	3	0.9999999
## 9123	2	0.9999999
## 9124	2	0.9999999
## 9125	4	0.9999999
## 9126	4	0.9999999
## 9127	3	0.9999999
## 9128	4	0.9999999
## 9129	2	0.9999999
## 9130	3	0.9999999
## 9131	3	0.9999999
## 9132	1	0.9999999
## 9133	4	0.9999999
## 9134	2	0.9999999
## 9135	1	0.9999999
## 9136	3	0.9999999
## 9137	3	0.9999999
## 9138	4	0.9999999
## 9139	2	0.9999999
## 9140	2	0.9999999
## 9141	2	0.9999999
## 9142	4	0.9999999
## 9143	2	0.9999999
## 9144	2	0.9999999
## 9145	3	0.9999999
## 9146	2	0.9999999
## 9147	3	0.9999999
## 9148	4	0.9999999
## 9149	2	0.9999999
## 9150	4	0.9999999
## 9151	1	0.9999999
## 9152	2	0.9999999
## 9153	2	0.9999999
## 9154	4	0.9999999
## 9155	4	0.9999999

## 9156	3	0.9999999
## 9157	3	0.9999999
## 9158	3	0.9999999
## 9159	2	0.9999999
## 9160	2	0.9999999
## 9161	2	0.9999999
## 9162	4	0.9999999
## 9163	4	0.9999999
## 9164	3	0.9999999
## 9165	4	0.9999999
## 9166	2	0.9999999
## 9167	4	0.9999999
## 9168	3	0.9999999
## 9169	3	0.9999999
## 9170	3	0.9999999
## 9171	4	0.9999999
## 9172	2	0.9999999
## 9173	2	0.9999999
## 9174	4	0.9999999
## 9175	3	0.9999999
## 9176	4	0.9999999
## 9177	4	0.9999999
## 9178	4	0.9999999
## 9179	2	0.9999999
## 9180	2	0.9999999
## 9181	3	0.9999999
## 9182	4	0.9999999
## 9183	4	0.9999999
## 9184	2	0.9999999
## 9185	3	0.9999999
## 9186	2	0.9999998
## 9187	3	0.9999999
## 9188	1	0.9999999
## 9189	2	0.9999999
## 9190	1	0.9999999
## 9191	1	0.9999999
## 9192	4	0.9999999
## 9193	3	0.9999999
## 9194	3	0.9999999
## 9195	3	0.9999999
## 9196	3	0.9999999
## 9197	2	0.9999998
## 9198	3	0.9999998
## 9199	0	0.9999999
## 9200	2	0.9999999
## 9201	0	0.9999999
## 9202	2	0.9999999
## 9203	4	0.9999999
## 9204	2	0.9999999
## 9205	2	0.9999999
## 9206	4	0.9999999
## 9207	2	0.9999999
## 9208	2	0.9999999
## 9209	1	0.9999999

## 9210	4	0.9999999
## 9211	3	0.9999999
## 9212	1	0.9999999
## 9213	2	0.9999999
## 9214	2	0.9999999
## 9215	2	0.9999999
## 9216	3	0.9999999
## 9217	0	0.9999999
## 9218	1	0.9999999
## 9219	2	0.9999999
## 9220	0	0.9999999
## 9221	3	0.9999999
## 9222	4	0.9999999
## 9223	2	0.9999999
## 9224	4	0.9999999
## 9225	3	0.9999999
## 9226	3	0.9999999
## 9227	2	0.9999999
## 9228	2	0.9999999
## 9229	4	0.9999999
## 9230	3	0.9999999
## 9231	3	0.9999999
## 9232	2	0.9999999
## 9233	4	0.9999999
## 9234	3	0.9999999
## 9235	2	0.9999999
## 9236	3	0.9999999
## 9237	3	0.9999999
## 9238	3	0.9999998
## 9239	2	0.9999999
## 9240	4	0.9999999
## 9241	3	0.9999999
## 9242	2	0.9999999
## 9243	0	0.9999999
## 9244	2	0.9999999
## 9245	3	0.9999999
## 9246	2	0.9999999
## 9247	2	0.9999999
## 9248	2	0.9999999
## 9249	2	0.9999999
## 9250	2	0.9999999
## 9251	2	0.9999999
## 9252	3	0.9999999
## 9253	4	0.9999999
## 9254	1	0.9999999
## 9255	2	0.9999999
## 9256	2	0.9999999
## 9257	3	0.9999999
## 9258	4	0.9999999
## 9259	3	0.9999999
## 9260	2	0.9999999
## 9261	4	0.9999999
## 9262	4	0.9999999
## 9263	2	0.9999999

## 9264	3	0.9999999
## 9265	2	0.9999999
## 9266	2	0.9999999
## 9267	2	0.9999999
## 9268	3	0.9999999
## 9269	4	0.9999999
## 9270	2	0.9999999
## 9271	4	0.9999999
## 9272	2	0.9999999
## 9273	4	0.9999999
## 9274	3	0.9999999
## 9275	4	0.9999999
## 9276	4	0.9999999
## 9277	4	0.9999999
## 9278	2	0.9999999
## 9279	3	0.9999999
## 9280	4	0.9999999
## 9281	2	0.9999999
## 9282	4	0.9999999
## 9283	4	0.9999999
## 9284	4	0.9999999
## 9285	4	0.9999999
## 9286	3	0.9999999
## 9287	2	0.9999999
## 9288	4	0.9999999
## 9289	3	0.9999999
## 9290	4	0.9999999
## 9291	3	0.9999999
## 9292	2	0.9999999
## 9293	3	0.9999999
## 9294	2	0.9999999
## 9295	4	0.9999999
## 9296	2	0.9999999
## 9297	2	0.9999998
## 9298	2	0.9999999
## 9299	4	0.9999999
## 9300	4	0.9999999
## 9301	4	0.9999999
## 9302	4	0.9999999
## 9303	4	0.9999999
## 9304	3	0.9999999
## 9305	3	0.9999999
## 9306	4	0.9999999
## 9307	2	0.9999999
## 9308	2	0.9999999
## 9309	0	0.9999999
## 9310	3	0.9999999
## 9311	2	0.9999999
## 9312	4	0.9999999
## 9313	2	0.9999999
## 9314	3	0.9999998
## 9315	3	0.9999999
## 9316	4	0.9999999
## 9317	4	0.9999999

## 9318	3	0.9999999
## 9319	1	0.9999999
## 9320	2	0.9999999
## 9321	2	0.9999999
## 9322	2	0.9999999
## 9323	4	0.9999999
## 9324	1	0.9999998
## 9325	4	0.9999999
## 9326	4	0.9999999
## 9327	2	0.9999999
## 9328	4	0.9999999
## 9329	0	0.9999999
## 9330	1	0.9999999
## 9331	3	0.9999999
## 9332	3	0.9999999
## 9333	2	0.9999999
## 9334	2	0.9999999
## 9335	2	0.9999999
## 9336	4	0.9999999
## 9337	1	0.9999999
## 9338	2	0.9999999
## 9339	3	0.9999998
## 9340	1	0.9999999
## 9341	4	0.9999999
## 9342	4	0.9999999
## 9343	3	0.9999999
## 9344	4	0.9999999
## 9345	2	0.9999999
## 9346	2	0.9999999
## 9347	3	0.9999999
## 9348	2	0.9999999
## 9349	0	0.9999999
## 9350	2	0.9999999
## 9351	2	0.9999999
## 9352	4	0.9999997
## 9353	2	0.9999999
## 9354	3	0.9999999
## 9355	3	0.9999999
## 9356	2	0.9999999
## 9357	4	0.9999999
## 9358	2	0.9999999
## 9359	0	0.9999999
## 9360	4	0.9999999
## 9361	2	0.9999999
## 9362	2	0.9999999
## 9363	2	0.9999999
## 9364	4	0.9999999
## 9365	1	0.9999999
## 9366	2	0.9999999
## 9367	0	0.9999999
## 9368	2	0.9999999
## 9369	2	0.9999999
## 9370	4	0.9999999
## 9371	3	0.9999999

## 9372	4	0.9999999
## 9373	4	0.9999999
## 9374	4	0.9999999
## 9375	2	0.9999999
## 9376	1	0.9999999
## 9377	4	0.9999999
## 9378	4	0.9999999
## 9379	4	0.9999999
## 9380	2	0.9999999
## 9381	3	0.9999999
## 9382	2	0.9999998
## 9383	4	0.9999999
## 9384	1	0.9999999
## 9385	4	0.9999999
## 9386	2	0.9999999
## 9387	3	0.9999999
## 9388	3	0.9999999
## 9389	2	0.9999999
## 9390	3	0.9999999
## 9391	4	0.9999999
## 9392	4	0.9999999
## 9393	4	0.9999999
## 9394	3	0.9999999
## 9395	2	0.9999999
## 9396	4	0.9999999
## 9397	2	0.9999999
## 9398	3	0.9999999
## 9399	3	0.9999999
## 9400	4	0.9999999
## 9401	4	0.9999999
## 9402	2	0.9999999
## 9403	3	0.9999999
## 9404	2	0.9999999
## 9405	4	0.9999999
## 9406	3	0.9999999
## 9407	4	0.9999999
## 9408	2	0.9999999
## 9409	2	0.9999999
## 9410	1	0.9999999
## 9411	2	0.9999999
## 9412	3	0.9999999
## 9413	2	0.9999999
## 9414	3	0.9999999
## 9415	0	0.9999999
## 9416	4	0.9999999
## 9417	1	0.9999999
## 9418	1	0.9999999
## 9419	1	0.9999999
## 9420	4	0.9999999
## 9421	3	0.9999999
## 9422	2	0.9999998
## 9423	2	0.9999999
## 9424	2	0.9999999
## 9425	4	0.9999999

## 9426	2	0.9999999
## 9427	1	0.9999999
## 9428	4	0.9999999
## 9429	2	0.9999999
## 9430	4	0.9999999
## 9431	2	0.9999999
## 9432	2	0.9999999
## 9433	2	0.9999999
## 9434	2	0.9999999
## 9435	2	0.9999999
## 9436	2	0.9999999
## 9437	3	0.9999999
## 9438	4	0.9999999
## 9439	4	0.9999999
## 9440	3	0.9999998
## 9441	4	0.9999999
## 9442	2	0.9999999
## 9443	4	0.9999999
## 9444	3	0.9999999
## 9445	3	0.9999999
## 9446	3	0.9999999
## 9447	2	0.9999999
## 9448	3	0.9999999
## 9449	2	0.9999999
## 9450	0	0.9999999
## 9451	2	0.9999999
## 9452	2	0.9999999
## 9453	2	0.9999999
## 9454	3	0.9999999
## 9455	4	0.9999999
## 9456	3	0.9999999
## 9457	3	0.9999999
## 9458	2	0.9999999
## 9459	2	0.9999999
## 9460	1	0.9999999
## 9461	2	0.9999999
## 9462	3	0.9999999
## 9463	3	0.9999999
## 9464	2	0.9999999
## 9465	4	0.9999999
## 9466	2	0.9999999
## 9467	2	0.9999999
## 9468	0	0.9999999
## 9469	3	0.9999999
## 9470	1	0.9999998
## 9471	4	0.9999999
## 9472	4	0.9999999
## 9473	2	0.9999999
## 9474	2	0.9999999
## 9475	3	0.9999999
## 9476	2	0.9999999
## 9477	2	0.9999999
## 9478	3	0.9999999
## 9479	2	0.9999999

## 9480	3	0.9999999
## 9481	2	0.9999999
## 9482	3	0.9999999
## 9483	1	0.9999999
## 9484	2	0.9999999
## 9485	4	0.9999999
## 9486	4	0.9999999
## 9487	3	0.9999999
## 9488	4	0.9999999
## 9489	2	0.9999999
## 9490	2	0.9999999
## 9491	1	0.9999999
## 9492	2	0.9999999
## 9493	2	0.9999999
## 9494	2	0.9999999
## 9495	2	0.9999999
## 9496	4	0.9999999
## 9497	1	0.9999999
## 9498	3	0.9999999
## 9499	2	0.9999999
## 9500	2	0.9999999
## 9501	2	0.9999999
## 9502	2	0.9999999
## 9503	4	0.9999999
## 9504	4	0.9999999
## 9505	2	0.9999998
## 9506	3	0.9999999
## 9507	2	0.9999999
## 9508	4	0.9999999
## 9509	4	0.9999999
## 9510	2	0.9999999
## 9511	4	0.9999999
## 9512	4	0.9999999
## 9513	2	0.9999999
## 9514	4	0.9999999
## 9515	3	0.9999999
## 9516	1	0.9999999
## 9517	2	0.9999999
## 9518	4	0.9999999
## 9519	4	0.9999999
## 9520	3	0.9999999
## 9521	4	0.9999999
## 9522	3	0.9999999
## 9523	3	0.9999999
## 9524	2	0.9999999
## 9525	2	0.9999999
## 9526	4	0.9999999
## 9527	3	0.9999999
## 9528	4	0.9999999
## 9529	4	0.9999999
## 9530	2	0.9999999
## 9531	0	0.9999999
## 9532	2	0.9999999
## 9533	2	0.9999999

## 9534	4	0.9999998
## 9535	4	0.9999999
## 9536	2	0.9999999
## 9537	3	0.9999999
## 9538	2	0.9999999
## 9539	2	0.9999999
## 9540	1	0.9999999
## 9541	2	0.9999999
## 9542	2	0.9999999
## 9543	2	0.9999999
## 9544	3	0.9999999
## 9545	4	0.9999999
## 9546	2	0.9999999
## 9547	2	0.9999999
## 9548	4	0.9999999
## 9549	3	0.9999999
## 9550	2	0.9999999
## 9551	4	0.9999999
## 9552	2	0.9999999
## 9553	4	0.9999999
## 9554	1	0.9999999
## 9555	4	0.9999999
## 9556	2	0.9999999
## 9557	2	0.9999999
## 9558	3	0.9999999
## 9559	4	0.9999999
## 9560	2	0.9999999
## 9561	3	0.9999999
## 9562	3	0.9999998
## 9563	3	0.9999999
## 9564	1	0.9999999
## 9565	2	0.9999999
## 9566	3	0.9999999
## 9567	2	0.9999999
## 9568	1	0.9999999
## 9569	2	0.9999999
## 9570	2	0.9999999
## 9571	3	0.9999999
## 9572	4	0.9999999
## 9573	3	0.9999999
## 9574	3	0.9999999
## 9575	0	0.9999999
## 9576	3	0.9999999
## 9577	2	0.9999999
## 9578	1	0.9999999
## 9579	2	0.9999999
## 9580	2	0.9999999
## 9581	2	0.9999999
## 9582	1	0.9999999
## 9583	4	0.9999999
## 9584	2	0.9999999
## 9585	4	0.9999999
## 9586	2	0.9999999
## 9587	4	0.9999999

## 9588	0	0.9999999
## 9589	3	0.9999999
## 9590	0	0.9999999
## 9591	4	0.9999999
## 9592	2	0.9999999
## 9593	2	0.9999999
## 9594	2	0.9999999
## 9595	4	0.9999999
## 9596	2	0.9999999
## 9597	4	0.9999999
## 9598	3	0.9999998
## 9599	3	0.9999999
## 9600	4	0.9999999
## 9601	4	0.9999999
## 9602	4	0.9999999
## 9603	2	0.9999999
## 9604	4	0.9999999
## 9605	4	0.9999999
## 9606	0	0.9999999
## 9607	3	0.9999999
## 9608	2	0.9999999
## 9609	3	0.9999999
## 9610	3	0.9999999
## 9611	4	0.9999999
## 9612	4	0.9999999
## 9613	2	0.9999999
## 9614	3	0.9999999
## 9615	2	0.9999998
## 9616	2	0.9999999
## 9617	0	0.9999999
## 9618	4	0.9999999
## 9619	1	0.9999999
## 9620	4	0.9999999
## 9621	3	0.9999998
## 9622	2	0.9999999
## 9623	2	0.9999999
## 9624	4	0.9999999
## 9625	1	0.9999999
## 9626	4	0.9999999
## 9627	3	0.9999999
## 9628	3	0.9999999
## 9629	0	0.9999999
## 9630	3	0.9999999
## 9631	4	0.9999999
## 9632	4	0.9999999
## 9633	4	0.9999999
## 9634	2	0.9999999
## 9635	3	0.9999998
## 9636	2	0.9999999
## 9637	3	0.9999999
## 9638	2	0.9999999
## 9639	2	0.9999999
## 9640	2	0.9999999
## 9641	4	0.9999999

## 9642	4	0.9999999
## 9643	4	0.9999999
## 9644	2	0.9999999
## 9645	3	0.9999999
## 9646	2	0.9999999
## 9647	2	0.9999999
## 9648	0	0.9999999
## 9649	1	0.9999999
## 9650	3	0.9999999
## 9651	3	0.9999999
## 9652	4	0.9999999
## 9653	2	0.9999999
## 9654	2	0.9999999
## 9655	4	0.9999999
## 9656	1	0.9999999
## 9657	4	0.9999999
## 9658	3	0.9999999
## 9659	2	0.9999999
## 9660	2	0.9999999
## 9661	2	0.9999999
## 9662	2	0.9999998
## 9663	2	0.9999999
## 9664	2	0.9999999
## 9665	3	0.9999999
## 9666	4	0.9999999
## 9667	2	0.9999999
## 9668	3	0.9999999
## 9669	0	0.9999999
## 9670	2	0.9999999
## 9671	3	0.9999999
## 9672	3	0.9999999
## 9673	4	0.9999999
## 9674	2	0.9999999
## 9675	4	0.9999999
## 9676	2	0.9999999
## 9677	2	0.9999999
## 9678	4	0.9999999
## 9679	4	0.9999999
## 9680	2	0.9999998
## 9681	4	0.9999999
## 9682	1	0.9999999
## 9683	3	0.9999999
## 9684	3	0.9999999
## 9685	2	0.9999999
## 9686	4	0.9999999
## 9687	0	0.9999999
## 9688	3	0.9999999
## 9689	0	0.9999999
## 9690	2	0.9999999
## 9691	4	0.9999999
## 9692	3	0.9999999
## 9693	4	0.9999999
## 9694	2	0.9999998
## 9695	4	0.9999999

## 9696	2	0.9999999
## 9697	2	0.9999998
## 9698	3	0.9999998
## 9699	3	0.9999999
## 9700	2	0.9999999
## 9701	4	0.9999999
## 9702	3	0.9999999
## 9703	2	0.9999999
## 9704	2	0.9999999
## 9705	4	0.9999999
## 9706	2	0.9999999
## 9707	2	0.9999999
## 9708	1	0.9999999
## 9709	4	0.9999999
## 9710	2	0.9999999
## 9711	4	0.9999999
## 9712	2	0.9999999
## 9713	2	0.9999998
## 9714	3	0.9999999
## 9715	4	0.9999999
## 9716	3	0.9999999
## 9717	4	0.9999999
## 9718	2	0.9999999
## 9719	2	0.9999999
## 9720	3	0.9999998
## 9721	2	0.9999999
## 9722	3	0.9999999
## 9723	4	0.9999999
## 9724	3	0.9999999
## 9725	2	0.9999999
## 9726	3	0.9999999
## 9727	2	0.9999999
## 9728	4	0.9999999
## 9729	4	0.9999999
## 9730	4	0.9999999
## 9731	2	0.9999998
## 9732	3	0.9999999
## 9733	3	0.9999999
## 9734	3	0.9999999
## 9735	2	0.9999999
## 9736	4	0.9999999
## 9737	4	0.9999999
## 9738	2	0.9999999
## 9739	1	0.9999999
## 9740	3	0.9999999
## 9741	3	0.9999999
## 9742	1	0.9999999
## 9743	2	0.9999999
## 9744	3	0.9999999
## 9745	2	0.9999999
## 9746	4	0.9999999
## 9747	2	0.9999999
## 9748	4	0.9999999
## 9749	4	0.9999999

## 9750	2	0.9999999
## 9751	4	0.9999999
## 9752	3	0.9999999
## 9753	2	0.9999999
## 9754	2	0.9999998
## 9755	3	0.9999999
## 9756	4	0.9999999
## 9757	2	0.9999999
## 9758	2	0.9999999
## 9759	4	0.9999999
## 9760	1	0.9999999
## 9761	4	0.9999999
## 9762	2	0.9999999
## 9763	2	0.9999999
## 9764	4	0.9999999
## 9765	4	0.9999999
## 9766	2	0.9999999
## 9767	2	0.9999999
## 9768	2	0.9999998
## 9769	3	0.9999998
## 9770	2	0.9999999
## 9771	3	0.9999999
## 9772	3	0.9999999
## 9773	4	0.9999999
## 9774	4	0.9999999
## 9775	4	0.9999999
## 9776	3	0.9999999
## 9777	2	0.9999999
## 9778	3	0.9999999
## 9779	2	0.9999999
## 9780	4	0.9999999
## 9781	4	0.9999999
## 9782	2	0.9999999
## 9783	2	0.9999999
## 9784	3	0.9999999
## 9785	1	0.9999999
## 9786	2	0.9999999
## 9787	1	0.9999999
## 9788	4	0.9999999
## 9789	3	0.9999999
## 9790	3	0.9999999
## 9791	4	0.9999999
## 9792	4	0.9999999
## 9793	2	0.9999999
## 9794	2	0.9999999
## 9795	3	0.9999999
## 9796	3	0.9999999
## 9797	2	0.9999999
## 9798	2	0.9999999
## 9799	4	0.9999999
## 9800	2	0.9999999
## 9801	2	0.9999999
## 9802	4	0.9999999
## 9803	4	0.9999999

## 9804	2	0.9999999
## 9805	2	0.9999999
## 9806	3	0.9999999
## 9807	4	0.9999999
## 9808	2	0.9999999
## 9809	2	0.9999998
## 9810	3	0.9999999
## 9811	3	0.9999999
## 9812	2	0.9999999
## 9813	3	0.9999999
## 9814	2	0.9999999
## 9815	2	0.9999999
## 9816	1	0.9999999
## 9817	1	0.9999999
## 9818	2	0.9999999
## 9819	3	0.9999999
## 9820	3	0.9999999
## 9821	2	0.9999999
## 9822	2	0.9999999
## 9823	2	0.9999999
## 9824	2	0.9999999
## 9825	2	0.9999999
## 9826	3	0.9999999
## 9827	4	0.9999999
## 9828	4	0.9999999
## 9829	2	0.9999998
## 9830	2	0.9999998
## 9831	1	0.9999999
## 9832	2	0.9999999
## 9833	3	0.9999999
## 9834	3	0.9999999
## 9835	1	0.9999999
## 9836	1	0.9999999
## 9837	1	0.9999999
## 9838	2	0.9999999
## 9839	4	0.9999999
## 9840	1	0.9999999
## 9841	3	0.9999999
## 9842	4	0.9999999
## 9843	2	0.9999999
## 9844	2	0.9999999
## 9845	2	0.9999999
## 9846	4	0.9999999
## 9847	1	0.9999999
## 9848	4	0.9999999
## 9849	4	0.9999999
## 9850	3	0.9999999
## 9851	4	0.9999999
## 9852	4	0.9999999
## 9853	4	0.9999999
## 9854	2	0.9999999
## 9855	4	0.9999999
## 9856	4	0.9999999
## 9857	2	0.9999999

## 9858	4	0.9999999
## 9859	4	0.9999999
## 9860	0	0.9999998
## 9861	2	0.9999999
## 9862	2	0.9999999
## 9863	2	0.9999999
## 9864	2	0.9999999
## 9865	3	0.9999999
## 9866	3	0.9999999
## 9867	2	0.9999999
## 9868	2	0.9999999
## 9869	1	0.9999999
## 9870	1	0.9999998
## 9871	2	0.9999999
## 9872	2	0.9999999
## 9873	2	0.9999999
## 9874	2	0.9999999
## 9875	3	0.9999999
## 9876	4	0.9999999
## 9877	4	0.9999999
## 9878	3	0.9999999
## 9879	2	0.9999999
## 9880	4	0.9999999
## 9881	3	0.9999999
## 9882	3	0.9999999
## 9883	3	0.9999999
## 9884	3	0.9999999
## 9885	1	0.9999999
## 9886	3	0.9999999
## 9887	3	0.9999999
## 9888	2	0.9999999
## 9889	3	0.9999999
## 9890	4	0.9999999
## 9891	4	0.9999999
## 9892	2	0.9999999
## 9893	4	0.9999999
## 9894	3	0.9999999
## 9895	3	0.9999999
## 9896	2	0.9999999
## 9897	2	0.9999999
## 9898	3	0.9999999
## 9899	2	0.9999999
## 9900	2	0.9999999
## 9901	4	0.9999999
## 9902	2	0.9999999
## 9903	2	0.9999999
## 9904	2	0.9999999
## 9905	3	0.9999999
## 9906	3	0.9999999
## 9907	1	0.9999999
## 9908	2	0.9999999
## 9909	1	0.9999999
## 9910	2	0.9999999
## 9911	2	0.9999999

## 9912	3	0.9999999
## 9913	4	0.9999998
## 9914	3	0.9999999
## 9915	1	0.9999999
## 9916	2	0.9999999
## 9917	4	0.9999999
## 9918	2	0.9999999
## 9919	3	0.9999999
## 9920	4	0.9999999
## 9921	1	0.9999999
## 9922	2	0.9999998
## 9923	3	0.9999998
## 9924	2	0.9999999
## 9925	2	0.9999999
## 9926	2	0.9999999
## 9927	1	0.9999999
## 9928	1	0.9999999
## 9929	4	0.9999999
## 9930	0	0.9999999
## 9931	3	0.9999999
## 9932	1	0.9999999
## 9933	4	0.9999999
## 9934	2	0.9999999
## 9935	4	0.9999999
## 9936	2	0.9999999
## 9937	2	0.9999999
## 9938	4	0.9999999
## 9939	2	0.9999999
## 9940	3	0.9999999
## 9941	1	0.9999999
## 9942	1	0.9999999
## 9943	2	0.9999999
## 9944	4	0.9999999
## 9945	4	0.9999999
## 9946	2	0.9999999
## 9947	1	0.9999999
## 9948	4	0.9999999
## 9949	3	0.9999999
## 9950	3	0.9999999
## 9951	2	0.9999999
## 9952	4	0.9999999
## 9953	3	0.9999999
## 9954	2	0.9999999
## 9955	1	0.9999999
## 9956	2	0.9999999
## 9957	2	0.9999999
## 9958	2	0.9999999
## 9959	4	0.9999999
## 9960	2	0.9999999
## 9961	2	0.9999999
## 9962	3	0.9999999
## 9963	2	0.9999999
## 9964	4	0.9999999
## 9965	2	0.9999999

## 9966	3	0.9999998
## 9967	4	0.9999998
## 9968	2	0.9999999
## 9969	2	0.9999999
## 9970	4	0.9999999
## 9971	1	0.9999999
## 9972	3	0.9999999
## 9973	2	0.9999999
## 9974	3	0.9999999
## 9975	3	0.9999999
## 9976	2	0.9999999
## 9977	2	0.9999999
## 9978	2	0.9999999
## 9979	3	0.9999999
## 9980	3	0.9999999
## 9981	1	0.9999999
## 9982	4	0.9999999
## 9983	2	0.9999999
## 9984	4	0.9999999
## 9985	3	0.9999999
## 9986	3	0.9999999
## 9987	3	0.9999999
## 9988	2	0.9999999
## 9989	2	0.9999999
## 9990	4	0.9999999
## 9991	4	0.9999999
## 9992	3	0.9999999
## 9993	3	0.9999999
## 9994	4	0.9999999
## 9995	3	0.9999999
## 9996	4	0.9999999
## 9997	2	0.9999999
## 9998	4	0.9999999
## 9999	4	0.9999999
## 10000	2	0.9999999
## 10001	2	0.9999999
## 10002	2	0.9999999
## 10003	2	0.9999999
## 10004	3	0.9999999
## 10005	3	0.9999999
## 10006	3	0.9999999
## 10007	2	0.9999999
## 10008	2	0.9999999
## 10009	4	0.9999999
## 10010	3	0.9999998
## 10011	4	0.9999998
## 10012	2	0.9999999
## 10013	4	0.9999999
## 10014	3	0.9999999
## 10015	2	0.9999999
## 10016	2	0.9999999
## 10017	1	0.9999998
## 10018	3	0.9999999
## 10019	2	0.9999999

## 10020	3	0.9999999
## 10021	4	0.9999999
## 10022	2	0.9999999
## 10023	1	0.9999999
## 10024	3	0.9999999
## 10025	1	0.9999999
## 10026	2	0.9999999
## 10027	4	0.9999999
## 10028	2	0.9999999
## 10029	2	0.9999999
## 10030	2	0.9999999
## 10031	4	0.9999998
## 10032	3	0.9999999
## 10033	2	0.9999999
## 10034	3	0.9999999
## 10035	3	0.9999999
## 10036	3	0.9999999
## 10037	2	0.9999999
## 10038	2	0.9999999
## 10039	4	0.9999999
## 10040	3	0.9999999
## 10041	3	0.9999999
## 10042	2	0.9999999
## 10043	4	0.9999999
## 10044	2	0.9999999
## 10045	2	0.9999999
## 10046	2	0.9999999
## 10047	4	0.9999999
## 10048	3	0.9999999
## 10049	1	0.9999998
## 10050	4	0.9999999
## 10051	3	0.9999999
## 10052	3	0.9999999
## 10053	4	0.9999999
## 10054	2	0.9999999
## 10055	4	0.9999999
## 10056	2	0.9999999
## 10057	4	0.9999999
## 10058	1	0.9999999
## 10059	3	0.9999999
## 10060	4	0.9999999
## 10061	3	0.9999999
## 10062	2	0.9999999
## 10063	2	0.9999999
## 10064	4	0.9999999
## 10065	2	0.9999999
## 10066	2	0.9999999
## 10067	0	0.9999999
## 10068	2	0.9999999
## 10069	2	0.9999999
## 10070	4	0.9999999
## 10071	1	0.9999999
## 10072	0	0.9999999
## 10073	4	0.9999999

## 10074	2	0.9999999
## 10075	4	0.9999999
## 10076	3	0.9999999
## 10077	1	0.9999999
## 10078	1	0.9999999
## 10079	2	0.9999999
## 10080	3	0.9999999
## 10081	4	0.9999999
## 10082	2	0.9999999
## 10083	4	0.9999999
## 10084	3	0.9999999
## 10085	4	0.9999999
## 10086	4	0.9999999
## 10087	3	0.9999999
## 10088	2	0.9999999
## 10089	2	0.9999999
## 10090	1	0.9999999
## 10091	3	0.9999999
## 10092	3	0.9999999
## 10093	4	0.9999999
## 10094	4	0.9999999
## 10095	4	0.9999999
## 10096	3	0.9999999
## 10097	4	0.9999999
## 10098	3	0.9999999
## 10099	3	0.9999999
## 10100	2	0.9999999
## 10101	2	0.9999999
## 10102	3	0.9999999
## 10103	2	0.9999999
## 10104	3	0.9999999
## 10105	3	0.9999999
## 10106	4	0.9999998
## 10107	3	0.9999999
## 10108	2	0.9999999
## 10109	2	0.9999999
## 10110	4	0.9999999
## 10111	3	0.9999999
## 10112	2	0.9999999
## 10113	2	0.9999999
## 10114	2	0.9999999
## 10115	3	0.9999999
## 10116	4	0.9999999
## 10117	2	0.9999999
## 10118	3	0.9999999
## 10119	3	0.9999999
## 10120	3	0.9999998
## 10121	4	0.9999998
## 10122	3	0.9999999
## 10123	2	0.9999999
## 10124	0	0.9999999
## 10125	3	0.9999999
## 10126	2	0.9999999
## 10127	3	0.9999999

## 10128	3	0.9999999
## 10129	3	0.9999999
## 10130	4	0.9999999
## 10131	2	0.9999998
## 10132	3	0.9999999
## 10133	1	0.9999999
## 10134	4	0.9999999
## 10135	2	0.9999999
## 10136	3	0.9999999
## 10137	2	0.9999999
## 10138	4	0.9999999
## 10139	2	0.9999999
## 10140	4	0.9999999
## 10141	2	0.9999999
## 10142	0	0.9999999
## 10143	3	0.9999999
## 10144	3	0.9999999
## 10145	4	0.9999999
## 10146	3	0.9999999
## 10147	3	0.9999999
## 10148	2	0.9999999
## 10149	1	0.9999999
## 10150	2	0.9999999
## 10151	3	0.9999999
## 10152	2	0.9999999
## 10153	3	0.9999999
## 10154	3	0.9999999
## 10155	3	0.9999999
## 10156	2	0.9999999
## 10157	2	0.9999999
## 10158	3	0.9999998
## 10159	2	0.9999999
## 10160	2	0.9999999
## 10161	3	0.9999999
## 10162	4	0.9999999
## 10163	2	0.9999999
## 10164	4	0.9999999
## 10165	2	0.9999999
## 10166	4	0.9999999
## 10167	2	0.9999999
## 10168	3	0.9999999
## 10169	3	0.9999999
## 10170	3	0.9999999
## 10171	4	0.9999999
## 10172	4	0.9999999
## 10173	2	0.9999999
## 10174	3	0.9999998
## 10175	2	0.9999999
## 10176	2	0.9999999
## 10177	2	0.9999999
## 10178	2	0.9999999
## 10179	1	0.9999999
## 10180	4	0.9999999
## 10181	3	0.9999999

## 10182	4	0.9999999
## 10183	3	0.9999999
## 10184	4	0.9999999
## 10185	2	0.9999999
## 10186	3	0.9999999
## 10187	2	0.9999999
## 10188	2	0.9999999
## 10189	3	0.9999999
## 10190	3	0.9999999
## 10191	2	0.9999999
## 10192	4	0.9999999
## 10193	4	0.9999999
## 10194	2	0.9999999
## 10195	2	0.9999999
## 10196	2	0.9999999
## 10197	3	0.9999999
## 10198	3	0.9999999
## 10199	3	0.9999999
## 10200	3	0.9999999
## 10201	2	0.9999999
## 10202	2	0.9999999
## 10203	3	0.9999999
## 10204	3	0.9999999
## 10205	2	0.9999999
## 10206	4	0.9999999
## 10207	4	0.9999999
## 10208	2	0.9999998
## 10209	2	0.9999999
## 10210	3	0.9999999
## 10211	4	0.9999999
## 10212	2	0.9999999
## 10213	2	0.9999999
## 10214	2	0.9999999
## 10215	4	0.9999999
## 10216	2	0.9999999
## 10217	2	0.9999999
## 10218	2	0.9999999
## 10219	0	0.9999999
## 10220	3	0.9999999
## 10221	1	0.9999999
## 10222	2	0.9999999
## 10223	2	0.9999999
## 10224	3	0.9999998
## 10225	4	0.9999999
## 10226	2	0.9999999
## 10227	3	0.9999999
## 10228	2	0.9999999
## 10229	3	0.9999999
## 10230	4	0.9999999
## 10231	2	0.9999999
## 10232	4	0.9999999
## 10233	3	0.9999999
## 10234	3	0.9999999
## 10235	4	0.9999999

## 10236	2	0.9999999
## 10237	2	0.9999999
## 10238	0	0.9999999
## 10239	1	0.9999999
## 10240	2	0.9999999
## 10241	2	0.9999998
## 10242	3	0.9999999
## 10243	2	0.9999999
## 10244	2	0.9999999
## 10245	3	0.9999999
## 10246	3	0.9999999
## 10247	2	0.9999999
## 10248	4	0.9999999
## 10249	4	0.9999999
## 10250	2	0.9999999
## 10251	3	0.9999999
## 10252	4	0.9999999
## 10253	2	0.9999999
## 10254	4	0.9999999
## 10255	2	0.9999999
## 10256	3	0.9999999
## 10257	3	0.9999999
## 10258	2	0.9999999
## 10259	2	0.9999999
## 10260	3	0.9999999
## 10261	3	0.9999999
## 10262	4	0.9999999
## 10263	3	0.9999999
## 10264	1	0.9999999
## 10265	3	0.9999999
## 10266	3	0.9999999
## 10267	3	0.9999999
## 10268	2	0.9999999
## 10269	2	0.9999999
## 10270	4	0.9999999
## 10271	3	0.9999999
## 10272	4	0.9999999
## 10273	4	0.9999999
## 10274	2	0.9999999
## 10275	4	0.9999999
## 10276	4	0.9999999
## 10277	2	0.9999999
## 10278	3	0.9999999
## 10279	3	0.9999999
## 10280	2	0.9999999
## 10281	4	0.9999999
## 10282	4	0.9999999
## 10283	2	0.9999999
## 10284	3	0.9999999
## 10285	2	0.9999998
## 10286	1	0.9999998
## 10287	3	0.9999999
## 10288	2	0.9999999
## 10289	3	0.9999999

## 10290	2	0.9999999
## 10291	2	0.9999999
## 10292	2	0.9999999
## 10293	0	0.9999999
## 10294	1	0.9999999
## 10295	4	0.9999999
## 10296	3	0.9999999
## 10297	2	0.9999999
## 10298	3	0.9999999
## 10299	4	0.9999999
## 10300	4	0.9999999
## 10301	4	0.9999999
## 10302	3	0.9999999
## 10303	3	0.9999999
## 10304	2	0.9999999
## 10305	3	0.9999999
## 10306	3	0.9999999
## 10307	4	0.9999999
## 10308	3	0.9999999
## 10309	4	0.9999999
## 10310	1	0.9999999
## 10311	2	0.9999999
## 10312	3	0.9999999
## 10313	3	0.9999999
## 10314	4	0.9999999
## 10315	4	0.9999999
## 10316	3	0.9999999
## 10317	3	0.9999999
## 10318	4	0.9999999
## 10319	1	0.9999999
## 10320	3	0.9999998
## 10321	2	0.9999999
## 10322	3	0.9999999
## 10323	3	0.9999998
## 10324	2	0.9999999
## 10325	2	0.9999999
## 10326	3	0.9999999
## 10327	2	0.9999999
## 10328	2	0.9999999
## 10329	2	0.9999999
## 10330	4	0.9999999
## 10331	4	0.9999999
## 10332	4	0.9999999
## 10333	2	0.9999999
## 10334	4	0.9999999
## 10335	4	0.9999999
## 10336	3	0.9999999
## 10337	3	0.9999999
## 10338	3	0.9999999
## 10339	3	0.9999999
## 10340	2	0.9999999
## 10341	3	0.9999999
## 10342	4	0.9999999
## 10343	4	0.9999999

## 10344	2	0.9999999
## 10345	3	0.9999999
## 10346	4	0.9999999
## 10347	4	0.9999999
## 10348	1	0.9999999
## 10349	4	0.9999999
## 10350	4	0.9999999
## 10351	4	0.9999999
## 10352	2	0.9999999
## 10353	2	0.9999999
## 10354	3	0.9999999
## 10355	2	0.9999999
## 10356	1	0.9999999
## 10357	2	0.9999999
## 10358	4	0.9999999
## 10359	3	0.9999999
## 10360	0	0.9999999
## 10361	3	0.9999999
## 10362	3	0.9999999
## 10363	2	0.9999999
## 10364	2	0.9999999
## 10365	2	0.9999999
## 10366	2	0.9999999
## 10367	1	0.9999999
## 10368	3	0.9999999
## 10369	4	0.9999999
## 10370	4	0.9999999
## 10371	2	0.9999999
## 10372	2	0.9999999
## 10373	2	0.9999999
## 10374	2	0.9999999
## 10375	3	0.9999999
## 10376	1	0.9999999
## 10377	4	0.9999998
## 10378	2	0.9999999
## 10379	4	0.9999999
## 10380	2	0.9999999
## 10381	4	0.9999999
## 10382	4	0.9999998
## 10383	2	0.9999999
## 10384	4	0.9999999
## 10385	3	0.9999999
## 10386	2	0.9999999
## 10387	4	0.9999999
## 10388	3	0.9999999
## 10389	3	0.9999999
## 10390	2	0.9999999
## 10391	4	0.9999999
## 10392	3	0.9999999
## 10393	1	0.9999999
## 10394	0	0.9999999
## 10395	2	0.9999999
## 10396	2	0.9999999
## 10397	1	0.9999999

## 10398	3	0.9999999
## 10399	2	0.9999999
## 10400	2	0.9999999
## 10401	3	0.9999999
## 10402	2	0.9999999
## 10403	1	0.9999999
## 10404	3	0.9999999
## 10405	2	0.9999999
## 10406	4	0.9999998
## 10407	2	0.9999999
## 10408	3	0.9999999
## 10409	2	0.9999999
## 10410	3	0.9999999
## 10411	1	0.9999999
## 10412	3	0.9999999
## 10413	4	0.9999999
## 10414	2	0.9999999
## 10415	3	0.9999999
## 10416	1	0.9999999
## 10417	3	0.9999999
## 10418	2	0.9999999
## 10419	4	0.9999999
## 10420	4	0.9999999
## 10421	4	0.9999999
## 10422	1	0.9999999
## 10423	2	0.9999999
## 10424	3	0.9999999
## 10425	3	0.9999999
## 10426	3	0.9999999
## 10427	3	0.9999999
## 10428	2	0.9999999
## 10429	0	0.9999999
## 10430	3	0.9999999
## 10431	2	0.9999999
## 10432	4	0.9999999
## 10433	2	0.9999999
## 10434	2	0.9999999
## 10435	4	0.9999999
## 10436	2	0.9999999
## 10437	4	0.9999999
## 10438	2	0.9999999
## 10439	2	0.9999999
## 10440	1	0.9999998
## 10441	2	0.9999999
## 10442	3	0.9999999
## 10443	3	0.9999999
## 10444	3	0.9999999
## 10445	2	0.9999999
## 10446	2	0.9999999
## 10447	4	0.9999999
## 10448	3	0.9999999
## 10449	2	0.9999999
## 10450	1	0.9999999
## 10451	4	0.9999999

## 10452	2	0.9999999
## 10453	2	0.9999999
## 10454	2	0.9999999
## 10455	1	0.9999999
## 10456	2	0.9999999
## 10457	4	0.9999999
## 10458	1	0.9999999
## 10459	3	0.9999999
## 10460	3	0.9999999
## 10461	2	0.9999999
## 10462	2	0.9999999
## 10463	3	0.9999999
## 10464	2	0.9999999
## 10465	4	0.9999999
## 10466	3	0.9999999
## 10467	2	0.9999999
## 10468	1	0.9999998
## 10469	2	0.9999999
## 10470	2	0.9999999
## 10471	1	0.9999999
## 10472	3	0.9999999
## 10473	3	0.9999999
## 10474	2	0.9999999
## 10475	2	0.9999999
## 10476	1	0.9999999
## 10477	3	0.9999999
## 10478	3	0.9999999
## 10479	2	0.9999999
## 10480	2	0.9999999
## 10481	3	0.9999999
## 10482	3	0.9999999
## 10483	2	0.9999999
## 10484	3	0.9999999
## 10485	2	0.9999999
## 10486	2	0.9999998
## 10487	2	0.9999999
## 10488	2	0.9999999
## 10489	2	0.9999999
## 10490	2	0.9999999
## 10491	4	0.9999999
## 10492	4	0.9999999
## 10493	4	0.9999999
## 10494	2	0.9999999
## 10495	4	0.9999998
## 10496	2	0.9999999
## 10497	2	0.9999999
## 10498	4	0.9999999
## 10499	3	0.9999999
## 10500	0	0.9999999
## 10501	3	0.9999999
## 10502	2	0.9999999
## 10503	0	0.9999999
## 10504	4	0.9999999
## 10505	3	0.9999999

## 10506	2	0.9999999
## 10507	4	0.9999999
## 10508	3	0.9999999
## 10509	3	0.9999999
## 10510	2	0.9999999
## 10511	2	0.9999998
## 10512	4	0.9999999
## 10513	1	0.9999999
## 10514	4	0.9999999
## 10515	3	0.9999999
## 10516	3	0.9999999
## 10517	2	0.9999999
## 10518	2	0.9999999
## 10519	2	0.9999998
## 10520	3	0.9999999
## 10521	3	0.9999999
## 10522	1	0.9999998
## 10523	2	0.9999999
## 10524	4	0.9999999
## 10525	3	0.9999999
## 10526	2	0.9999999
## 10527	2	0.9999999
## 10528	3	0.9999999
## 10529	3	0.9999999
## 10530	2	0.9999999
## 10531	3	0.9999999
## 10532	1	0.9999999
## 10533	3	0.9999999
## 10534	2	0.9999999
## 10535	3	0.9999999
## 10536	2	0.9999999
## 10537	2	0.9999999
## 10538	2	0.9999999
## 10539	4	0.9999999
## 10540	3	0.9999999
## 10541	3	0.9999998
## 10542	2	0.9999999
## 10543	2	0.9999999
## 10544	3	0.9999999
## 10545	2	0.9999999
## 10546	2	0.9999999
## 10547	2	0.9999999
## 10548	3	0.9999999
## 10549	0	0.9999999
## 10550	2	0.9999999
## 10551	2	0.9999999
## 10552	1	0.9999999
## 10553	3	0.9999999
## 10554	2	0.9999999
## 10555	1	0.9999999
## 10556	4	0.9999999
## 10557	2	0.9999999
## 10558	2	0.9999998
## 10559	2	0.9999999

## 10560	4	0.9999999
## 10561	2	0.9999999
## 10562	3	0.9999999
## 10563	2	0.9999999
## 10564	2	0.9999999
## 10565	2	0.9999999
## 10566	2	0.9999999
## 10567	2	0.9999999
## 10568	2	0.9999999
## 10569	4	0.9999999
## 10570	4	0.9999999
## 10571	2	0.9999999
## 10572	1	0.9999999
## 10573	4	0.9999999
## 10574	2	0.9999999
## 10575	1	0.9999999
## 10576	3	0.9999998
## 10577	3	0.9999999
## 10578	2	0.9999999
## 10579	4	0.9999999
## 10580	1	0.9999998
## 10581	3	0.9999999
## 10582	2	0.9999999
## 10583	4	0.9999999
## 10584	2	0.9999999
## 10585	3	0.9999999
## 10586	4	0.9999999
## 10587	2	0.9999999
## 10588	3	0.9999999
## 10589	4	0.9999999
## 10590	2	0.9999999
## 10591	0	0.9999999
## 10592	2	0.9999999
## 10593	1	0.9999999
## 10594	2	0.9999999
## 10595	3	0.9999998
## 10596	4	0.9999999
## 10597	3	0.9999999
## 10598	2	0.9999999
## 10599	2	0.9999999
## 10600	4	0.9999999
## 10601	4	0.9999999
## 10602	0	0.9999999
## 10603	3	0.9999999
## 10604	3	0.9999999
## 10605	2	0.9999999
## 10606	3	0.9999999
## 10607	2	0.9999999
## 10608	2	0.9999999
## 10609	2	0.9999999
## 10610	2	0.9999999
## 10611	2	0.9999999
## 10612	4	0.9999999
## 10613	2	0.9999999

## 10614	4	0.9999999
## 10615	4	0.9999999
## 10616	2	0.9999999
## 10617	2	0.9999999
## 10618	2	0.9999999
## 10619	1	0.9999998
## 10620	2	0.9999999
## 10621	3	0.9999999
## 10622	2	0.9999999
## 10623	3	0.9999999
## 10624	2	0.9999999
## 10625	2	0.9999999
## 10626	1	0.9999999
## 10627	2	0.9999999
## 10628	2	0.9999999
## 10629	3	0.9999998
## 10630	2	0.9999999
## 10631	2	0.9999999
## 10632	3	0.9999998
## 10633	4	0.9999999
## 10634	3	0.9999999
## 10635	2	0.9999999
## 10636	2	0.9999998
## 10637	4	0.9999999
## 10638	4	0.9999999
## 10639	3	0.9999999
## 10640	4	0.9999999
## 10641	4	0.9999998
## 10642	3	0.9999999
## 10643	3	0.9999999
## 10644	2	0.9999999
## 10645	3	0.9999999
## 10646	1	0.9999999
## 10647	4	0.9999999
## 10648	4	0.9999999
## 10649	2	0.9999999
## 10650	1	0.9999999
## 10651	2	0.9999999
## 10652	2	0.9999999
## 10653	4	0.9999999
## 10654	3	0.9999999
## 10655	2	0.9999999
## 10656	4	0.9999999
## 10657	2	0.9999999
## 10658	3	0.9999999
## 10659	3	0.9999999
## 10660	2	0.9999999
## 10661	3	0.9999999
## 10662	4	0.9999999
## 10663	2	0.9999998
## 10664	4	0.9999998
## 10665	3	0.9999999
## 10666	2	0.9999999
## 10667	2	0.9999999

## 10668	3	0.9999999
## 10669	2	0.9999999
## 10670	2	0.9999999
## 10671	4	0.9999998
## 10672	2	0.9999999
## 10673	4	0.9999999
## 10674	2	0.9999999
## 10675	4	0.9999999
## 10676	2	0.9999999
## 10677	2	0.9999999
## 10678	4	0.9999999
## 10679	2	0.9999999
## 10680	0	0.9999999
## 10681	3	0.9999999
## 10682	2	0.9999999
## 10683	0	0.9999999
## 10684	3	0.9999999
## 10685	2	0.9999999
## 10686	2	0.9999999
## 10687	2	0.9999999
## 10688	4	0.9999999
## 10689	4	0.9999999
## 10690	1	0.9999999
## 10691	0	0.9999999
## 10692	2	0.9999999
## 10693	2	0.9999998
## 10694	4	0.9999999
## 10695	2	0.9999999
## 10696	2	0.9999999
## 10697	2	0.9999999
## 10698	4	0.9999999
## 10699	4	0.9999999
## 10700	4	0.9999999
## 10701	2	0.9999999
## 10702	1	0.9999999
## 10703	2	0.9999999
## 10704	4	0.9999999
## 10705	4	0.9999999
## 10706	2	0.9999999
## 10707	4	0.9999999
## 10708	2	0.9999999
## 10709	2	0.9999999
## 10710	3	0.9999999
## 10711	1	0.9999999
## 10712	3	0.9999998
## 10713	4	0.9999999
## 10714	2	0.9999999
## 10715	4	0.9999999
## 10716	1	0.9999999
## 10717	3	0.9999998
## 10718	2	0.9999999
## 10719	1	0.9999999
## 10720	2	0.9999999
## 10721	3	0.9999999

## 10722	0	0.9999999
## 10723	4	0.9999999
## 10724	2	0.9999998
## 10725	2	0.9999999
## 10726	4	0.9999999
## 10727	3	0.9999999
## 10728	1	0.9999999
## 10729	2	0.9999999
## 10730	2	0.9999999
## 10731	1	0.9999998
## 10732	2	0.9999999
## 10733	3	0.9999999
## 10734	2	0.9999999
## 10735	1	0.9999999
## 10736	2	0.9999999
## 10737	2	0.9999999
## 10738	4	0.9999999
## 10739	2	0.9999999
## 10740	4	0.9999998
## 10741	2	0.9999999
## 10742	3	0.9999999
## 10743	2	0.9999999
## 10744	2	0.9999999
## 10745	2	0.9999999
## 10746	2	0.9999999
## 10747	4	0.9999999
## 10748	4	0.9999999
## 10749	2	0.9999999
## 10750	3	0.9999999
## 10751	4	0.9999999
## 10752	2	0.9999998
## 10753	2	0.9999999
## 10754	2	0.9999999
## 10755	3	0.9999999
## 10756	3	0.9999999
## 10757	1	0.9999999
## 10758	1	0.9999999
## 10759	3	0.9999999
## 10760	4	0.9999999
## 10761	1	0.9999999
## 10762	2	0.9999999
## 10763	1	0.9999999
## 10764	3	0.9999999
## 10765	1	0.9999999
## 10766	2	0.9999999
## 10767	2	0.9999999
## 10768	4	0.9999999
## 10769	2	0.9999999
## 10770	3	0.9999999
## 10771	4	0.9999999
## 10772	2	0.9999999
## 10773	4	0.9999999
## 10774	4	0.9999999
## 10775	4	0.9999999

## 10776	4	0.9999999
## 10777	2	0.9999999
## 10778	2	0.9999999
## 10779	1	0.9999999
## 10780	3	0.9999999
## 10781	3	0.9999999
## 10782	4	0.9999999
## 10783	2	0.9999999
## 10784	2	0.9999999
## 10785	2	0.9999998
## 10786	1	0.9999999
## 10787	3	0.9999999
## 10788	0	0.9999999
## 10789	2	0.9999999
## 10790	4	0.9999999
## 10791	3	0.9999999
## 10792	3	0.9999999
## 10793	2	0.9999999
## 10794	2	0.9999999
## 10795	4	0.9999999
## 10796	4	0.9999998
## 10797	3	0.9999999
## 10798	4	0.9999999
## 10799	2	0.9999999
## 10800	3	0.9999999
## 10801	1	0.9999999
## 10802	1	0.9999999
## 10803	2	0.9999999
## 10804	3	0.9999999
## 10805	2	0.9999999
## 10806	2	0.9999999
## 10807	2	0.9999999
## 10808	0	0.9999998
## 10809	3	0.9999999
## 10810	2	0.9999999
## 10811	4	0.9999999
## 10812	2	0.9999999
## 10813	3	0.9999999
## 10814	2	0.9999999
## 10815	3	0.9999999
## 10816	3	0.9999999
## 10817	3	0.9999999
## 10818	3	0.9999999
## 10819	2	0.9999999
## 10820	2	0.9999999
## 10821	2	0.9999999
## 10822	2	0.9999999
## 10823	4	0.9999998
## 10824	2	0.9999999
## 10825	2	0.9999999
## 10826	1	0.9999999
## 10827	3	0.9999999
## 10828	2	0.9999999
## 10829	3	0.9999999

## 10830	3	0.9999999
## 10831	4	0.9999999
## 10832	4	0.9999999
## 10833	4	0.9999998
## 10834	1	0.9999999
## 10835	1	0.9999999
## 10836	3	0.9999999
## 10837	2	0.9999999
## 10838	0	0.9999999
## 10839	2	0.9999999
## 10840	2	0.9999999
## 10841	2	0.9999998
## 10842	1	0.9999999
## 10843	3	0.9999999
## 10844	3	0.9999999
## 10845	2	0.9999999
## 10846	2	0.9999999
## 10847	2	0.9999999
## 10848	2	0.9999999
## 10849	1	0.9999999
## 10850	3	0.9999999
## 10851	1	0.9999998
## 10852	2	0.9999999
## 10853	4	0.9999999
## 10854	3	0.9999999
## 10855	4	0.9999999
## 10856	1	0.9999999
## 10857	2	0.9999999
## 10858	2	0.9999999
## 10859	2	0.9999999
## 10860	3	0.9999999
## 10861	2	0.9999999
## 10862	2	0.9999999
## 10863	3	0.9999999
## 10864	4	0.9999999
## 10865	4	0.9999999
## 10866	3	0.9999999
## 10867	3	0.9999999
## 10868	3	0.9999999
## 10869	1	0.9999999
## 10870	2	0.9999999
## 10871	3	0.9999999
## 10872	2	0.9999999
## 10873	2	0.9999999
## 10874	1	0.9999999
## 10875	3	0.9999999
## 10876	3	0.9999999
## 10877	4	0.9999999
## 10878	1	0.9999999
## 10879	3	0.9999998
## 10880	2	0.9999999
## 10881	3	0.9999999
## 10882	4	0.9999999
## 10883	3	0.9999999

## 10884	2	0.9999999
## 10885	2	0.9999999
## 10886	2	0.9999999
## 10887	2	0.9999999
## 10888	2	0.9999999
## 10889	2	0.9999999
## 10890	4	0.9999999
## 10891	2	0.9999999
## 10892	3	0.9999999
## 10893	2	0.9999999
## 10894	2	0.9999999
## 10895	3	0.9999999
## 10896	2	0.9999999
## 10897	3	0.9999999
## 10898	1	0.9999999
## 10899	2	0.9999999
## 10900	3	0.9999999
## 10901	3	0.9999998
## 10902	3	0.9999999
## 10903	4	0.9999999
## 10904	3	0.9999999
## 10905	3	0.9999999
## 10906	2	0.9999999
## 10907	2	0.9999999
## 10908	2	0.9999999
## 10909	1	0.9999999
## 10910	3	0.9999999
## 10911	2	0.9999999
## 10912	3	0.9999999
## 10913	4	0.9999999
## 10914	3	0.9999999
## 10915	2	0.9999999
## 10916	3	0.9999999
## 10917	3	0.9999999
## 10918	2	0.9999999
## 10919	4	0.9999999
## 10920	1	0.9999999
## 10921	2	0.9999999
## 10922	2	0.9999998
## 10923	3	0.9999999
## 10924	4	0.9999999
## 10925	2	0.9999999
## 10926	2	0.9999999
## 10927	2	0.9999999
## 10928	2	0.9999999
## 10929	3	0.9999999
## 10930	3	0.9999999
## 10931	3	0.9999999
## 10932	4	0.9999999
## 10933	4	0.9999999
## 10934	2	0.9999999
## 10935	3	0.9999999
## 10936	2	0.9999999
## 10937	4	0.9999999

## 10938	1	0.9999998
## 10939	3	0.9999999
## 10940	3	0.9999999
## 10941	1	0.9999999
## 10942	3	0.9999999
## 10943	2	0.9999999
## 10944	4	0.9999999
## 10945	2	0.9999999
## 10946	2	0.9999999
## 10947	3	0.9999999
## 10948	3	0.9999999
## 10949	3	0.9999999
## 10950	4	0.9999999
## 10951	3	0.9999999
## 10952	3	0.9999998
## 10953	2	0.9999999
## 10954	2	0.9999999
## 10955	1	0.9999999
## 10956	2	0.9999999
## 10957	4	0.9999999
## 10958	1	0.9999999
## 10959	2	0.9999999
## 10960	3	0.9999999
## 10961	2	0.9999998
## 10962	3	0.9999999
## 10963	3	0.9999999
## 10964	1	0.9999999
## 10965	2	0.9999999
## 10966	2	0.9999999
## 10967	2	0.9999999
## 10968	2	0.9999999
## 10969	2	0.9999998
## 10970	3	0.9999999
## 10971	4	0.9999999
## 10972	3	0.9999999
## 10973	2	0.9999999
## 10974	2	0.9999999
## 10975	4	0.9999999
## 10976	4	0.9999999
## 10977	2	0.9999999
## 10978	2	0.9999998
## 10979	4	0.9999999
## 10980	4	0.9999999
## 10981	2	0.9999999
## 10982	2	0.9999999
## 10983	2	0.9999999
## 10984	3	0.9999999
## 10985	2	0.9999999
## 10986	2	0.9999999
## 10987	2	0.9999999
## 10988	1	0.9999999
## 10989	4	0.9999999
## 10990	3	0.9999999
## 10991	3	0.9999999

## 10992	2	0.9999998
## 10993	4	0.9999999
## 10994	3	0.9999999
## 10995	2	0.9999999
## 10996	4	0.9999999
## 10997	2	0.9999999
## 10998	4	0.9999999
## 10999	2	0.9999999
## 11000	2	0.9999999
## 11001	3	0.9999999
## 11002	2	0.9999999
## 11003	2	0.9999999
## 11004	2	0.9999999
## 11005	1	0.9999999
## 11006	4	0.9999999
## 11007	2	0.9999999
## 11008	3	0.9999999
## 11009	3	0.9999999
## 11010	2	0.9999998
## 11011	0	0.9999999
## 11012	3	0.9999999
## 11013	2	0.9999999
## 11014	2	0.9999999
## 11015	0	0.9999999
## 11016	2	0.9999999
## 11017	2	0.9999999
## 11018	4	0.9999999
## 11019	2	0.9999999
## 11020	3	0.9999999
## 11021	2	0.9999999
## 11022	2	0.9999999
## 11023	2	0.9999999
## 11024	4	0.9999999
## 11025	4	0.9999999
## 11026	2	0.9999999
## 11027	2	0.9999999
## 11028	4	0.9999999
## 11029	2	0.9999998
## 11030	4	0.9999999
## 11031	2	0.9999999
## 11032	3	0.9999999
## 11033	2	0.9999999
## 11034	3	0.9999999
## 11035	2	0.9999999
## 11036	4	0.9999999
## 11037	2	0.9999998
## 11038	3	0.9999999
## 11039	4	0.9999999
## 11040	3	0.9999999
## 11041	4	0.9999999
## 11042	4	0.9999999
## 11043	2	0.9999999
## 11044	0	0.9999999
## 11045	2	0.9999998

## 11046	4	0.9999999
## 11047	4	0.9999999
## 11048	4	0.9999999
## 11049	2	0.9999999
## 11050	1	0.9999999
## 11051	1	0.9999999
## 11052	4	0.9999999
## 11053	1	0.9999999
## 11054	2	0.9999999
## 11055	3	0.9999999
## 11056	2	0.9999999
## 11057	4	0.9999999
## 11058	2	0.9999999
## 11059	2	0.9999999
## 11060	3	0.9999999
## 11061	4	0.9999999
## 11062	2	0.9999999
## 11063	2	0.9999999
## 11064	2	0.9999999
## 11065	4	0.9999999
## 11066	3	0.9999999
## 11067	2	0.9999999
## 11068	0	0.9999999
## 11069	3	0.9999999
## 11070	2	0.9999999
## 11071	2	0.9999999
## 11072	2	0.9999999
## 11073	0	0.9999999
## 11074	4	0.9999999
## 11075	2	0.9999999
## 11076	2	0.9999999
## 11077	4	0.9999999
## 11078	4	0.9999999
## 11079	3	0.9999999
## 11080	2	0.9999999
## 11081	4	0.9999999
## 11082	4	0.9999999
## 11083	3	0.9999999
## 11084	3	0.9999999
## 11085	3	0.9999999
## 11086	2	0.9999999
## 11087	4	0.9999999
## 11088	4	0.9999999
## 11089	0	0.9999999
## 11090	1	0.9999999
## 11091	3	0.9999999
## 11092	1	0.9999999
## 11093	4	0.9999999
## 11094	3	0.9999999
## 11095	2	0.9999999
## 11096	3	0.9999999
## 11097	0	0.9999999
## 11098	4	0.9999999
## 11099	3	0.9999999

## 11100	3	0.9999999
## 11101	3	0.9999999
## 11102	3	0.9999999
## 11103	2	0.9999999
## 11104	2	0.9999999
## 11105	4	0.9999999
## 11106	4	0.9999999
## 11107	3	0.9999999
## 11108	3	0.9999999
## 11109	0	0.9999999
## 11110	4	0.9999999
## 11111	1	0.9999999
## 11112	3	0.9999999
## 11113	3	0.9999999
## 11114	4	0.9999999
## 11115	4	0.9999999
## 11116	4	0.9999999
## 11117	3	0.9999999
## 11118	3	0.9999999
## 11119	3	0.9999999
## 11120	2	0.9999999
## 11121	2	0.9999999
## 11122	3	0.9999999
## 11123	2	0.9999999
## 11124	4	0.9999999
## 11125	2	0.9999999
## 11126	3	0.9999999
## 11127	4	0.9999999
## 11128	2	0.9999999
## 11129	2	0.9999999
## 11130	1	0.9999999
## 11131	2	0.9999999
## 11132	2	0.9999999
## 11133	3	0.9999999
## 11134	4	0.9999999
## 11135	3	0.9999999
## 11136	2	0.9999999
## 11137	2	0.9999999
## 11138	3	0.9999999
## 11139	4	0.9999999
## 11140	2	0.9999999
## 11141	2	0.9999999
## 11142	1	0.9999999
## 11143	3	0.9999999
## 11144	2	0.9999999
## 11145	2	0.9999999
## 11146	2	0.9999999
## 11147	2	0.9999999
## 11148	4	0.9999999
## 11149	4	0.9999999
## 11150	3	0.9999999
## 11151	2	0.9999999
## 11152	3	0.9999999
## 11153	3	0.9999999

## 11154	4	0.9999999
## 11155	2	0.9999999
## 11156	4	0.9999999
## 11157	2	0.9999999
## 11158	4	0.9999999
## 11159	1	0.9999999
## 11160	3	0.9999999
## 11161	3	0.9999999
## 11162	4	0.9999999
## 11163	4	0.9999999
## 11164	2	0.9999999
## 11165	2	0.9999999
## 11166	2	0.9999999
## 11167	2	0.9999999
## 11168	3	0.9999999
## 11169	3	0.9999999
## 11170	2	0.9999999
## 11171	4	0.9999999
## 11172	2	0.9999999
## 11173	2	0.9999999
## 11174	2	0.9999999
## 11175	4	0.9999999
## 11176	1	0.9999999
## 11177	3	0.9999999
## 11178	1	0.9999999
## 11179	2	0.9999999
## 11180	1	0.9999999
## 11181	4	0.9999999
## 11182	1	0.9999999
## 11183	3	0.9999999
## 11184	4	0.9999999
## 11185	2	0.9999999
## 11186	4	0.9999999
## 11187	3	0.9999999
## 11188	2	0.9999999
## 11189	1	0.9999999
## 11190	4	0.9999999
## 11191	2	0.9999999
## 11192	2	0.9999999
## 11193	4	0.9999999
## 11194	4	0.9999999
## 11195	1	0.9999999
## 11196	4	0.9999999
## 11197	3	0.9999999
## 11198	4	0.9999999
## 11199	3	0.9999998
## 11200	1	0.9999999
## 11201	2	0.9999999
## 11202	3	0.9999999
## 11203	3	0.9999999
## 11204	2	0.9999999
## 11205	3	0.9999999
## 11206	2	0.9999999
## 11207	4	0.9999999

## 11208	2	0.9999999
## 11209	2	0.9999999
## 11210	4	0.9999999
## 11211	3	0.9999999
## 11212	3	0.9999999
## 11213	3	0.9999999
## 11214	4	0.9999999
## 11215	4	0.9999999
## 11216	2	0.9999999
## 11217	3	0.9999999
## 11218	4	0.9999999
## 11219	2	0.9999999
## 11220	1	0.9999999
## 11221	4	0.9999999
## 11222	4	0.9999999
## 11223	3	0.9999999
## 11224	3	0.9999999
## 11225	2	0.9999999
## 11226	1	0.9999999
## 11227	2	0.9999999
## 11228	3	0.9999999
## 11229	1	0.9999999
## 11230	2	0.9999999
## 11231	3	0.9999999
## 11232	2	0.9999999
## 11233	2	0.9999999
## 11234	4	0.9999999
## 11235	2	0.9999999
## 11236	4	0.9999999
## 11237	2	0.9999999
## 11238	1	0.9999999
## 11239	4	0.9999999
## 11240	3	0.9999999
## 11241	4	0.9999999
## 11242	4	0.9999999
## 11243	2	0.9999999
## 11244	2	0.9999999
## 11245	3	0.9999999
## 11246	4	0.9999999
## 11247	4	0.9999999
## 11248	2	0.9999999
## 11249	1	0.9999999
## 11250	2	0.9999999
## 11251	4	0.9999999
## 11252	2	0.9999999
## 11253	2	0.9999999
## 11254	3	0.9999999
## 11255	3	0.9999999
## 11256	4	0.9999999
## 11257	4	0.9999999
## 11258	2	0.9999999
## 11259	3	0.9999999
## 11260	2	0.9999999
## 11261	4	0.9999999

## 11262	2	0.9999999
## 11263	2	0.9999999
## 11264	2	0.9999999
## 11265	2	0.9999999
## 11266	4	0.9999999
## 11267	3	0.9999998
## 11268	3	0.9999999
## 11269	3	0.9999999
## 11270	2	0.9999999
## 11271	1	0.9999999
## 11272	2	0.9999999
## 11273	1	0.9999999
## 11274	2	0.9999999
## 11275	1	0.9999999
## 11276	2	0.9999999
## 11277	2	0.9999999
## 11278	2	0.9999999
## 11279	2	0.9999999
## 11280	1	0.9999999
## 11281	2	0.9999999
## 11282	4	0.9999999
## 11283	1	0.9999999
## 11284	1	0.9999999
## 11285	2	0.9999999
## 11286	4	0.9999999
## 11287	2	0.9999999
## 11288	2	0.9999999
## 11289	2	0.9999999
## 11290	3	0.9999999
## 11291	4	0.9999999
## 11292	2	0.9999999
## 11293	0	0.9999999
## 11294	3	0.9999999
## 11295	2	0.9999999
## 11296	4	0.9999998
## 11297	3	0.9999999
## 11298	3	0.9999999
## 11299	2	0.9999999
## 11300	2	0.9999999
## 11301	3	0.9999999
## 11302	2	0.9999999
## 11303	3	0.9999999
## 11304	2	0.9999999
## 11305	2	0.9999999
## 11306	2	0.9999999
## 11307	2	0.9999999
## 11308	3	0.9999999
## 11309	4	0.9999999
## 11310	3	0.9999999
## 11311	4	0.9999999
## 11312	2	0.9999999
## 11313	3	0.9999999
## 11314	3	0.9999999
## 11315	3	0.9999999

## 11316	2	0.9999999
## 11317	4	0.9999999
## 11318	4	0.9999999
## 11319	2	0.9999999
## 11320	2	0.9999999
## 11321	4	0.9999999
## 11322	4	0.9999999
## 11323	4	0.9999999
## 11324	0	0.9999999
## 11325	4	0.9999999
## 11326	4	0.9999999
## 11327	2	0.9999999
## 11328	3	0.9999999
## 11329	2	0.9999999
## 11330	2	0.9999998
## 11331	2	0.9999999
## 11332	2	0.9999999
## 11333	3	0.9999999
## 11334	3	0.9999999
## 11335	4	0.9999999
## 11336	3	0.9999999
## 11337	2	0.9999999
## 11338	0	0.9999999
## 11339	2	0.9999999
## 11340	2	0.9999999
## 11341	3	0.9999999
## 11342	4	0.9999999
## 11343	2	0.9999999
## 11344	2	0.9999999
## 11345	2	0.9999999
## 11346	1	0.9999999
## 11347	4	0.9999999
## 11348	3	0.9999999
## 11349	2	0.9999999
## 11350	2	0.9999999
## 11351	2	0.9999999
## 11352	2	0.9999999
## 11353	4	0.9999999
## 11354	2	0.9999999
## 11355	2	0.9999999
## 11356	2	0.9999999
## 11357	4	0.9999999
## 11358	2	0.9999999
## 11359	4	0.9999999
## 11360	2	0.9999999
## 11361	2	0.9999999
## 11362	4	0.9999999
## 11363	2	0.9999999
## 11364	1	0.9999999
## 11365	4	0.9999999
## 11366	2	0.9999999
## 11367	2	0.9999999
## 11368	1	0.9999998
## 11369	2	0.9999999

## 11370	0	0.9999999
## 11371	4	0.9999999
## 11372	3	0.9999999
## 11373	3	0.9999999
## 11374	4	0.9999999
## 11375	4	0.9999999
## 11376	2	0.9999998
## 11377	2	0.9999999
## 11378	4	0.9999999
## 11379	1	0.9999999
## 11380	4	0.9999999
## 11381	3	0.9999999
## 11382	3	0.9999999
## 11383	2	0.9999999
## 11384	2	0.9999999
## 11385	4	0.9999999
## 11386	3	0.9999999
## 11387	2	0.9999999
## 11388	4	0.9999999
## 11389	1	0.9999999
## 11390	2	0.9999999
## 11391	2	0.9999999
## 11392	0	0.9999999
## 11393	4	0.9999999
## 11394	3	0.9999999
## 11395	4	0.9999999
## 11396	2	0.9999999
## 11397	4	0.9999999
## 11398	2	0.9999999
## 11399	3	0.9999999
## 11400	4	0.9999999
## 11401	2	0.9999999
## 11402	4	0.9999999
## 11403	4	0.9999999
## 11404	4	0.9999999
## 11405	4	0.9999999
## 11406	2	0.9999999
## 11407	2	0.9999999
## 11408	3	0.9999999
## 11409	2	0.9999999
## 11410	4	0.9999999
## 11411	0	0.9999999
## 11412	3	0.9999999
## 11413	2	0.9999999
## 11414	2	0.9999999
## 11415	2	0.9999999
## 11416	2	0.9999999
## 11417	2	0.9999999
## 11418	2	0.9999999
## 11419	2	0.9999999
## 11420	3	0.9999999
## 11421	4	0.9999998
## 11422	2	0.9999999
## 11423	4	0.9999999

## 11424	2	0.9999999
## 11425	4	0.9999999
## 11426	2	0.9999999
## 11427	4	0.9999999
## 11428	4	0.9999999
## 11429	4	0.9999999
## 11430	4	0.9999999
## 11431	3	0.9999999
## 11432	3	0.9999999
## 11433	3	0.9999999
## 11434	1	0.9999999
## 11435	4	0.9999999
## 11436	4	0.9999999
## 11437	2	0.9999999
## 11438	2	0.9999999
## 11439	2	0.9999999
## 11440	2	0.9999999
## 11441	2	0.9999999
## 11442	2	0.9999999
## 11443	3	0.9999999
## 11444	1	0.9999999
## 11445	2	0.9999999
## 11446	2	0.9999999
## 11447	1	0.9999999
## 11448	2	0.9999999
## 11449	4	0.9999999
## 11450	2	0.9999999
## 11451	3	0.9999999
## 11452	3	0.9999999
## 11453	2	0.9999999
## 11454	4	0.9999999
## 11455	3	0.9999999
## 11456	4	0.9999999
## 11457	4	0.9999999
## 11458	2	0.9999999
## 11459	3	0.9999999
## 11460	4	0.9999999
## 11461	3	0.9999999
## 11462	3	0.9999999
## 11463	1	0.9999999
## 11464	4	0.9999999
## 11465	2	0.9999999
## 11466	3	0.9999999
## 11467	3	0.9999999
## 11468	3	0.9999998
## 11469	1	0.9999999
## 11470	2	0.9999999
## 11471	2	0.9999999
## 11472	0	0.9999999
## 11473	2	0.9999998
## 11474	2	0.9999999
## 11475	2	0.9999999
## 11476	2	0.9999999
## 11477	2	0.9999999

## 11478	4	0.9999999
## 11479	2	0.9999998
## 11480	2	0.9999999
## 11481	2	0.9999999
## 11482	3	0.9999999
## 11483	4	0.9999999
## 11484	4	0.9999999
## 11485	1	0.9999999
## 11486	3	0.9999999
## 11487	2	0.9999999
## 11488	4	0.9999999
## 11489	2	0.9999999
## 11490	2	0.9999999
## 11491	3	0.9999999
## 11492	4	0.9999999
## 11493	2	0.9999999
## 11494	2	0.9999998
## 11495	2	0.9999999
## 11496	2	0.9999999
## 11497	4	0.9999999
## 11498	1	0.9999999
## 11499	3	0.9999999
## 11500	4	0.9999999
## 11501	0	0.9999999
## 11502	4	0.9999999
## 11503	2	0.9999999
## 11504	3	0.9999999
## 11505	2	0.9999999
## 11506	0	0.9999999
## 11507	3	0.9999999
## 11508	4	0.9999999
## 11509	3	0.9999998
## 11510	2	0.9999999
## 11511	3	0.9999998
## 11512	3	0.9999998
## 11513	4	0.9999999
## 11514	2	0.9999999
## 11515	2	0.9999999
## 11516	2	0.9999999
## 11517	4	0.9999998
## 11518	3	0.9999999
## 11519	4	0.9999999
## 11520	2	0.9999999
## 11521	4	0.9999999
## 11522	3	0.9999999
## 11523	4	0.9999999
## 11524	3	0.9999999
## 11525	3	0.9999999
## 11526	1	0.9999999
## 11527	2	0.9999999
## 11528	3	0.9999999
## 11529	2	0.9999999
## 11530	3	0.9999999
## 11531	2	0.9999999

## 11532	3	0.9999999
## 11533	4	0.9999999
## 11534	2	0.9999999
## 11535	2	0.9999999
## 11536	4	0.9999999
## 11537	2	0.9999999
## 11538	2	0.9999999
## 11539	4	0.9999999
## 11540	4	0.9999999
## 11541	2	0.9999999
## 11542	3	0.9999999
## 11543	2	0.9999998
## 11544	2	0.9999999
## 11545	0	0.9999999
## 11546	2	0.9999999
## 11547	3	0.9999999
## 11548	1	0.9999999
## 11549	2	0.9999999
## 11550	4	0.9999999
## 11551	2	0.9999999
## 11552	3	0.9999999
## 11553	2	0.9999999
## 11554	2	0.9999999
## 11555	4	0.9999999
## 11556	4	0.9999999
## 11557	2	0.9999999
## 11558	2	0.9999999
## 11559	2	0.9999999
## 11560	4	0.9999999
## 11561	2	0.9999999
## 11562	0	0.9999999
## 11563	4	0.9999998
## 11564	1	0.9999999
## 11565	2	0.9999999
## 11566	3	0.9999998
## 11567	2	0.9999999
## 11568	4	0.9999999
## 11569	3	0.9999999
## 11570	4	0.9999999
## 11571	4	0.9999999
## 11572	2	0.9999999
## 11573	2	0.9999999
## 11574	3	0.9999999
## 11575	4	0.9999999
## 11576	2	0.9999999
## 11577	3	0.9999999
## 11578	3	0.9999999
## 11579	4	0.9999999
## 11580	2	0.9999999
## 11581	2	0.9999998
## 11582	2	0.9999999
## 11583	3	0.9999999
## 11584	2	0.9999999
## 11585	2	0.9999999

## 11586	4	0.9999999
## 11587	1	0.9999999
## 11588	2	0.9999999
## 11589	2	0.9999999
## 11590	2	0.9999999
## 11591	4	0.9999999
## 11592	3	0.9999999
## 11593	4	0.9999999
## 11594	4	0.9999999
## 11595	2	0.9999999
## 11596	3	0.9999999
## 11597	3	0.9999999
## 11598	2	0.9999998
## 11599	2	0.9999999
## 11600	3	0.9999999
## 11601	0	0.9999999
## 11602	1	0.9999999
## 11603	1	0.9999999
## 11604	1	0.9999999
## 11605	1	0.9999999
## 11606	2	0.9999999
## 11607	2	0.9999998
## 11608	2	0.9999999
## 11609	4	0.9999999
## 11610	0	0.9999999
## 11611	4	0.9999999
## 11612	2	0.9999999
## 11613	3	0.9999999
## 11614	1	0.9999999
## 11615	4	0.9999999
## 11616	3	0.9999999
## 11617	4	0.9999999
## 11618	2	0.9999999
## 11619	4	0.9999999
## 11620	4	0.9999999
## 11621	4	0.9999999
## 11622	2	0.9999999
## 11623	4	0.9999998
## 11624	2	0.9999999
## 11625	2	0.9999998
## 11626	3	0.9999999
## 11627	2	0.9999999
## 11628	4	0.9999999
## 11629	2	0.9999999
## 11630	3	0.9999998
## 11631	2	0.9999999
## 11632	3	0.9999999
## 11633	0	0.9999999
## 11634	0	0.9999999
## 11635	3	0.9999999
## 11636	2	0.9999999
## 11637	4	0.9999999
## 11638	2	0.9999999
## 11639	2	0.9999998

## 11640	2	0.9999999
## 11641	2	0.9999999
## 11642	3	0.9999999
## 11643	2	0.9999999
## 11644	2	0.9999999
## 11645	4	0.9999999
## 11646	3	0.9999999
## 11647	4	0.9999999
## 11648	2	0.9999999
## 11649	3	0.9999999
## 11650	4	0.9999999
## 11651	3	0.9999999
## 11652	2	0.9999999
## 11653	4	0.9999999
## 11654	3	0.9999999
## 11655	2	0.9999999
## 11656	2	0.9999999
## 11657	2	0.9999999
## 11658	3	0.9999999
## 11659	1	0.9999999
## 11660	2	0.9999999
## 11661	3	0.9999999
## 11662	3	0.9999999
## 11663	3	0.9999999
## 11664	2	0.9999999
## 11665	4	0.9999999
## 11666	3	0.9999999
## 11667	1	0.9999999
## 11668	3	0.9999999
## 11669	4	0.9999999
## 11670	4	0.9999999
## 11671	4	0.9999999
## 11672	2	0.9999999
## 11673	2	0.9999999
## 11674	3	0.9999999
## 11675	4	0.9999999
## 11676	3	0.9999999
## 11677	3	0.9999999
## 11678	3	0.9999999
## 11679	3	0.9999999
## 11680	3	0.9999999
## 11681	2	0.9999999
## 11682	2	0.9999999
## 11683	1	0.9999999
## 11684	2	0.9999999
## 11685	3	0.9999999
## 11686	4	0.9999999
## 11687	2	0.9999999
## 11688	2	0.9999998
## 11689	3	0.9999999
## 11690	2	0.9999999
## 11691	4	0.9999998
## 11692	2	0.9999999
## 11693	2	0.9999999

## 11694	3	0.9999999
## 11695	2	0.9999999
## 11696	3	0.9999998
## 11697	2	0.9999999
## 11698	1	0.9999999
## 11699	1	0.9999999
## 11700	4	0.9999999
## 11701	1	0.9999999
## 11702	3	0.9999999
## 11703	2	0.9999999
## 11704	4	0.9999999
## 11705	4	0.9999999
## 11706	2	0.9999999
## 11707	3	0.9999999
## 11708	2	0.9999999
## 11709	3	0.9999999
## 11710	1	0.9999999
## 11711	3	0.9999999
## 11712	4	0.9999999
## 11713	0	0.9999999
## 11714	1	0.9999999
## 11715	2	0.9999999
## 11716	3	0.9999998
## 11717	2	0.9999999
## 11718	3	0.9999999
## 11719	4	0.9999999
## 11720	4	0.9999999
## 11721	3	0.9999999
## 11722	3	0.9999999
## 11723	0	0.9999999
## 11724	2	0.9999999
## 11725	2	0.9999999
## 11726	3	0.9999999
## 11727	3	0.9999999
## 11728	2	0.9999999
## 11729	4	0.9999999
## 11730	2	0.9999999
## 11731	3	0.9999999
## 11732	2	0.9999998
## 11733	2	0.9999998
## 11734	4	0.9999999
## 11735	3	0.9999999
## 11736	2	0.9999999
## 11737	1	0.9999999
## 11738	3	0.9999999
## 11739	3	0.9999999
## 11740	2	0.9999999
## 11741	4	0.9999999
## 11742	1	0.9999999
## 11743	3	0.9999999
## 11744	3	0.9999999
## 11745	4	0.9999999
## 11746	4	0.9999999
## 11747	4	0.9999999

## 11748	3	0.9999999
## 11749	4	0.9999999
## 11750	4	0.9999999
## 11751	3	0.9999999
## 11752	3	0.9999999
## 11753	4	0.9999999
## 11754	4	0.9999999
## 11755	2	0.9999999
## 11756	3	0.9999999
## 11757	2	0.9999999
## 11758	4	0.9999999
## 11759	2	0.9999999
## 11760	3	0.9999999
## 11761	2	0.9999999
## 11762	3	0.9999999
## 11763	2	0.9999999
## 11764	2	0.9999999
## 11765	0	0.9999999
## 11766	2	0.9999999
## 11767	2	0.9999999
## 11768	4	0.9999999
## 11769	3	0.9999999
## 11770	2	0.9999999
## 11771	3	0.9999999
## 11772	1	0.9999999
## 11773	3	0.9999999
## 11774	4	0.9999999
## 11775	4	0.9999999
## 11776	4	0.9999999
## 11777	2	0.9999999
## 11778	4	0.9999999
## 11779	2	0.9999999
## 11780	4	0.9999999
## 11781	2	0.9999999
## 11782	2	0.9999999
## 11783	2	0.9999999
## 11784	2	0.9999999
## 11785	4	0.9999999
## 11786	3	0.9999999
## 11787	4	0.9999999
## 11788	3	0.9999999
## 11789	2	0.9999999
## 11790	2	0.9999999
## 11791	3	0.9999999
## 11792	1	0.9999999
## 11793	4	0.9999999
## 11794	2	0.9999999
## 11795	1	0.9999999
## 11796	2	0.9999999
## 11797	4	0.9999999
## 11798	2	0.9999999
## 11799	3	0.9999999
## 11800	3	0.9999999
## 11801	0	0.9999999

## 11802	3	0.9999999
## 11803	2	0.9999999
## 11804	3	0.9999998
## 11805	3	0.9999999
## 11806	2	0.9999998
## 11807	1	0.9999999
## 11808	3	0.9999999
## 11809	2	0.9999999
## 11810	2	0.9999999
## 11811	4	0.9999999
## 11812	4	0.9999998
## 11813	4	0.9999999
## 11814	1	0.9999999
## 11815	4	0.9999999
## 11816	2	0.9999999
## 11817	4	0.9999999
## 11818	3	0.9999999
## 11819	4	0.9999999
## 11820	1	0.9999999
## 11821	2	0.9999999
## 11822	3	0.9999999
## 11823	1	0.9999999
## 11824	1	0.9999999
## 11825	3	0.9999999
## 11826	2	0.9999999
## 11827	3	0.9999999
## 11828	4	0.9999999
## 11829	2	0.9999999
## 11830	2	0.9999999
## 11831	4	0.9999999
## 11832	1	0.9999998
## 11833	2	0.9999999
## 11834	4	0.9999999
## 11835	4	0.9999999
## 11836	3	0.9999999
## 11837	2	0.9999999
## 11838	3	0.9999998
## 11839	1	0.9999999
## 11840	3	0.9999999
## 11841	2	0.9999999
## 11842	2	0.9999999
## 11843	4	0.9999999
## 11844	3	0.9999999
## 11845	3	0.9999999
## 11846	4	0.9999999
## 11847	2	0.9999998
## 11848	4	0.9999999
## 11849	2	0.9999999
## 11850	2	0.9999998
## 11851	3	0.9999999
## 11852	3	0.9999999
## 11853	2	0.9999999
## 11854	3	0.9999999
## 11855	2	0.9999999

## 11856	4	0.9999999
## 11857	4	0.9999999
## 11858	3	0.9999999
## 11859	4	0.9999999
## 11860	4	0.9999999
## 11861	2	0.9999999
## 11862	2	0.9999998
## 11863	2	0.9999999
## 11864	2	0.9999999
## 11865	3	0.9999999
## 11866	3	0.9999999
## 11867	4	0.9999999
## 11868	2	0.9999999
## 11869	2	0.9999999
## 11870	3	0.9999999
## 11871	2	0.9999999
## 11872	2	0.9999999
## 11873	2	0.9999999
## 11874	2	0.9999998
## 11875	2	0.9999999
## 11876	3	0.9999999
## 11877	3	0.9999999
## 11878	1	0.9999999
## 11879	1	0.9999999
## 11880	2	0.9999999
## 11881	2	0.9999999
## 11882	4	0.9999998
## 11883	1	0.9999999
## 11884	3	0.9999998
## 11885	2	0.9999999
## 11886	2	0.9999999
## 11887	3	0.9999999
## 11888	4	0.9999999
## 11889	3	0.9999999
## 11890	3	0.9999999
## 11891	1	0.9999999
## 11892	2	0.9999998
## 11893	3	0.9999999
## 11894	2	0.9999999
## 11895	4	0.9999999
## 11896	3	0.9999999
## 11897	2	0.9999999
## 11898	3	0.9999999
## 11899	3	0.9999999
## 11900	2	0.9999999
## 11901	2	0.9999999
## 11902	1	0.9999999
## 11903	1	0.9999999
## 11904	4	0.9999999
## 11905	0	0.9999999
## 11906	2	0.9999999
## 11907	1	0.9999999
## 11908	2	0.9999999
## 11909	4	0.9999999

## 11910	4	0.9999999
## 11911	1	0.9999999
## 11912	4	0.9999999
## 11913	4	0.9999999
## 11914	2	0.9999999
## 11915	3	0.9999999
## 11916	2	0.9999999
## 11917	4	0.9999999
## 11918	3	0.9999999
## 11919	4	0.9999999
## 11920	2	0.9999999
## 11921	2	0.9999999
## 11922	3	0.9999999
## 11923	1	0.9999999
## 11924	1	0.9999999
## 11925	3	0.9999999
## 11926	1	0.9999999
## 11927	2	0.9999999
## 11928	2	0.9999999
## 11929	2	0.9999999
## 11930	1	0.9999999
## 11931	3	0.9999999
## 11932	3	0.9999999
## 11933	2	0.9999999
## 11934	3	0.9999999
## 11935	2	0.9999999
## 11936	1	0.9999998
## 11937	2	0.9999999
## 11938	1	0.9999999
## 11939	3	0.9999999
## 11940	3	0.9999999
## 11941	2	0.9999999
## 11942	2	0.9999999
## 11943	3	0.9999998
## 11944	3	0.9999999
## 11945	3	0.9999999
## 11946	4	0.9999999
## 11947	2	0.9999999
## 11948	3	0.9999999
## 11949	4	0.9999999
## 11950	4	0.9999999
## 11951	3	0.9999999
## 11952	2	0.9999999
## 11953	4	0.9999999
## 11954	3	0.9999999
## 11955	2	0.9999999
## 11956	3	0.9999998
## 11957	3	0.9999999
## 11958	4	0.9999999
## 11959	1	0.9999999
## 11960	4	0.9999999
## 11961	2	0.9999999
## 11962	3	0.9999999
## 11963	2	0.9999999

## 11964	4	0.9999999
## 11965	2	0.9999999
## 11966	2	0.9999999
## 11967	2	0.9999999
## 11968	1	0.9999999
## 11969	3	0.9999999
## 11970	1	0.9999998
## 11971	2	0.9999999
## 11972	2	0.9999999
## 11973	0	0.9999999
## 11974	2	0.9999999
## 11975	3	0.9999999
## 11976	3	0.9999998
## 11977	3	0.9999999
## 11978	4	0.9999999
## 11979	2	0.9999999
## 11980	1	0.9999999
## 11981	2	0.9999999
## 11982	1	0.9999999
## 11983	3	0.9999999
## 11984	2	0.9999999
## 11985	4	0.9999999
## 11986	2	0.9999999
## 11987	1	0.9999998
## 11988	2	0.9999999
## 11989	4	0.9999999
## 11990	1	0.9999999
## 11991	1	0.9999999
## 11992	3	0.9999999
## 11993	2	0.9999999
## 11994	2	0.9999999
## 11995	2	0.9999999
## 11996	3	0.9999999
## 11997	3	0.9999999
## 11998	4	0.9999999
## 11999	4	0.9999999
## 12000	2	0.9999999
## 12001	3	0.9999999
## 12002	3	0.9999999
## 12003	2	0.9999999
## 12004	2	0.9999999
## 12005	2	0.9999999
## 12006	2	0.9999999
## 12007	3	0.9999999
## 12008	1	0.9999999
## 12009	2	0.9999999
## 12010	4	0.9999999
## 12011	2	0.9999999
## 12012	4	0.9999999
## 12013	2	0.9999999
## 12014	2	0.9999999
## 12015	4	0.9999999
## 12016	3	0.9999999
## 12017	0	0.9999999

## 12018	3	0.9999999
## 12019	3	0.9999999
## 12020	4	0.9999999
## 12021	3	0.9999999
## 12022	2	0.9999999
## 12023	4	0.9999999
## 12024	4	0.9999998
## 12025	2	0.9999999
## 12026	1	0.9999999
## 12027	2	0.9999999
## 12028	4	0.9999999
## 12029	4	0.9999999
## 12030	2	0.9999999
## 12031	3	0.9999999
## 12032	3	0.9999999
## 12033	3	0.9999999
## 12034	2	0.9999999
## 12035	2	0.9999999
## 12036	3	0.9999999
## 12037	3	0.9999999
## 12038	4	0.9999999
## 12039	2	0.9999999
## 12040	4	0.9999999
## 12041	4	0.9999999
## 12042	3	0.9999999
## 12043	4	0.9999999
## 12044	4	0.9999999
## 12045	4	0.9999999
## 12046	2	0.9999999
## 12047	2	0.9999999
## 12048	3	0.9999999
## 12049	2	0.9999999
## 12050	2	0.9999999
## 12051	4	0.9999999
## 12052	2	0.9999999
## 12053	1	0.9999999
## 12054	3	0.9999999
## 12055	2	0.9999998
## 12056	3	0.9999999
## 12057	3	0.9999999
## 12058	3	0.9999999
## 12059	1	0.9999999
## 12060	3	0.9999998
## 12061	3	0.9999999
## 12062	1	0.9999999
## 12063	2	0.9999999
## 12064	3	0.9999999
## 12065	4	0.9999999
## 12066	4	0.9999999
## 12067	0	0.9999999
## 12068	2	0.9999999
## 12069	2	0.9999999
## 12070	4	0.9999999
## 12071	0	0.9999999

## 12072	3	0.9999999
## 12073	4	0.9999999
## 12074	2	0.9999999
## 12075	4	0.9999999
## 12076	3	0.9999999
## 12077	2	0.9999999
## 12078	3	0.9999999
## 12079	1	0.9999999
## 12080	3	0.9999999
## 12081	2	0.9999998
## 12082	2	0.9999999
## 12083	2	0.9999999
## 12084	2	0.9999999
## 12085	2	0.9999999
## 12086	1	0.9999999
## 12087	2	0.9999999
## 12088	2	0.9999999
## 12089	3	0.9999999
## 12090	4	0.9999999
## 12091	2	0.9999999
## 12092	3	0.9999999
## 12093	2	0.9999999
## 12094	2	0.9999999
## 12095	2	0.9999999
## 12096	1	0.9999999
## 12097	2	0.9999999
## 12098	3	0.9999999
## 12099	2	0.9999999
## 12100	4	0.9999999
## 12101	1	0.9999998
## 12102	2	0.9999999
## 12103	4	0.9999999
## 12104	3	0.9999999
## 12105	2	0.9999999
## 12106	3	0.9999999
## 12107	2	0.9999999
## 12108	2	0.9999999
## 12109	2	0.9999999
## 12110	4	0.9999999
## 12111	3	0.9999999
## 12112	3	0.9999999
## 12113	0	0.9999999
## 12114	4	0.9999999
## 12115	1	0.9999999
## 12116	2	0.9999999
## 12117	3	0.9999999
## 12118	2	0.9999999
## 12119	2	0.9999999
## 12120	2	0.9999999
## 12121	3	0.9999999
## 12122	3	0.9999999
## 12123	3	0.9999999
## 12124	3	0.9999999
## 12125	2	0.9999999

## 12126	2	0.9999999
## 12127	4	0.9999999
## 12128	3	0.9999999
## 12129	4	0.9999999
## 12130	3	0.9999999
## 12131	3	0.9999999
## 12132	2	0.9999999
## 12133	3	0.9999999
## 12134	1	0.9999999
## 12135	2	0.9999999
## 12136	2	0.9999999
## 12137	4	0.9999999
## 12138	2	0.9999999
## 12139	3	0.9999999
## 12140	2	0.9999999
## 12141	4	0.9999999
## 12142	4	0.9999999
## 12143	2	0.9999999
## 12144	2	0.9999999
## 12145	4	0.9999999
## 12146	3	0.9999999
## 12147	3	0.9999999
## 12148	2	0.9999999
## 12149	2	0.9999999
## 12150	2	0.9999999
## 12151	2	0.9999999
## 12152	3	0.9999999
## 12153	3	0.9999999
## 12154	2	0.9999999
## 12155	4	0.9999999
## 12156	2	0.9999999
## 12157	4	0.9999999
## 12158	2	0.9999999
## 12159	2	0.9999999
## 12160	2	0.9999999
## 12161	1	0.9999999
## 12162	2	0.9999999
## 12163	2	0.9999999
## 12164	3	0.9999999
## 12165	0	0.9999999
## 12166	3	0.9999999
## 12167	2	0.9999999
## 12168	2	0.9999999
## 12169	2	0.9999999
## 12170	2	0.9999999
## 12171	4	0.9999999
## 12172	2	0.9999999
## 12173	3	0.9999999
## 12174	4	0.9999999
## 12175	3	0.9999999
## 12176	2	0.9999999
## 12177	3	0.9999999
## 12178	3	0.9999999
## 12179	3	0.9999999

## 12180	4	0.9999999
## 12181	2	0.9999999
## 12182	2	0.9999999
## 12183	2	0.9999999
## 12184	2	0.9999999
## 12185	2	0.9999999
## 12186	3	0.9999999
## 12187	2	0.9999999
## 12188	4	0.9999999
## 12189	2	0.9999999
## 12190	2	0.9999999
## 12191	3	0.9999999
## 12192	2	0.9999999
## 12193	0	0.9999999
## 12194	2	0.9999999
## 12195	2	0.9999999
## 12196	2	0.9999998
## 12197	4	0.9999999
## 12198	3	0.9999999
## 12199	2	0.9999999
## 12200	4	0.9999999
## 12201	2	0.9999999
## 12202	1	0.9999999
## 12203	4	0.9999999
## 12204	3	0.9999999
## 12205	3	0.9999999
## 12206	1	0.9999999
## 12207	2	0.9999999
## 12208	2	0.9999999
## 12209	2	0.9999999
## 12210	3	0.9999999
## 12211	2	0.9999999
## 12212	2	0.9999999
## 12213	2	0.9999999
## 12214	0	0.9999999
## 12215	2	0.9999999
## 12216	4	0.9999999
## 12217	4	0.9999999
## 12218	4	0.9999999
## 12219	2	0.9999999
## 12220	2	0.9999999
## 12221	3	0.9999999
## 12222	4	0.9999999
## 12223	2	0.9999999
## 12224	3	0.9999999
## 12225	2	0.9999999
## 12226	1	0.9999999
## 12227	4	0.9999999
## 12228	1	0.9999999
## 12229	4	0.9999998
## 12230	2	0.9999999
## 12231	3	0.9999999
## 12232	3	0.9999999
## 12233	2	0.9999999

## 12234	3	0.9999999
## 12235	1	0.9999999
## 12236	1	0.9999999
## 12237	4	0.9999998
## 12238	2	0.9999999
## 12239	4	0.9999999
## 12240	4	0.9999999
## 12241	2	0.9999998
## 12242	4	0.9999999
## 12243	1	0.9999999
## 12244	3	0.9999999
## 12245	4	0.9999999
## 12246	2	0.9999999
## 12247	3	0.9999999
## 12248	3	0.9999999
## 12249	2	0.9999999
## 12250	3	0.9999999
## 12251	3	0.9999999
## 12252	2	0.9999999
## 12253	4	0.9999999
## 12254	3	0.9999999
## 12255	0	0.9999999
## 12256	2	0.9999999
## 12257	2	0.9999999
## 12258	4	0.9999999
## 12259	2	0.9999999
## 12260	2	0.9999999
## 12261	4	0.9999999
## 12262	2	0.9999999
## 12263	2	0.9999999
## 12264	2	0.9999999
## 12265	3	0.9999998
## 12266	4	0.9999999
## 12267	2	0.9999999
## 12268	2	0.9999999
## 12269	2	0.9999999
## 12270	4	0.9999999
## 12271	4	0.9999999
## 12272	2	0.9999998
## 12273	2	0.9999999
## 12274	2	0.9999999
## 12275	2	0.9999999
## 12276	2	0.9999999
## 12277	2	0.9999999
## 12278	2	0.9999999
## 12279	1	0.9999999
## 12280	2	0.9999999
## 12281	2	0.9999999
## 12282	3	0.9999999
## 12283	4	0.9999999
## 12284	3	0.9999999
## 12285	0	0.9999999
## 12286	2	0.9999998
## 12287	4	0.9999999

## 12288	3	0.9999999
## 12289	2	0.9999998
## 12290	3	0.9999999
## 12291	1	0.9999999
## 12292	2	0.9999999
## 12293	3	0.9999999
## 12294	4	0.9999999
## 12295	4	0.9999999
## 12296	2	0.9999999
## 12297	2	0.9999999
## 12298	2	0.9999999
## 12299	2	0.9999999
## 12300	1	0.9999999
## 12301	2	0.9999998
## 12302	2	0.9999999
## 12303	4	0.9999999
## 12304	2	0.9999999
## 12305	3	0.9999999
## 12306	2	0.9999999
## 12307	2	0.9999999
## 12308	1	0.9999999
## 12309	2	0.9999999
## 12310	2	0.9999999
## 12311	4	0.9999999
## 12312	4	0.9999999
## 12313	4	0.9999999
## 12314	1	0.9999999
## 12315	3	0.9999999
## 12316	3	0.9999999
## 12317	3	0.9999999
## 12318	1	0.9999999
## 12319	3	0.9999999
## 12320	3	0.9999999
## 12321	4	0.9999999
## 12322	2	0.9999999
## 12323	2	0.9999999
## 12324	2	0.9999999
## 12325	2	0.9999999
## 12326	3	0.9999999
## 12327	3	0.9999998
## 12328	2	0.9999998
## 12329	4	0.9999999
## 12330	3	0.9999999
## 12331	2	0.9999999
## 12332	3	0.9999999
## 12333	3	0.9999999
## 12334	4	0.9999999
## 12335	3	0.9999999
## 12336	4	0.9999999
## 12337	2	0.9999999
## 12338	4	0.9999999
## 12339	2	0.9999999
## 12340	2	0.9999999
## 12341	2	0.9999999

## 12342	2	0.9999999
## 12343	4	0.9999999
## 12344	4	0.9999999
## 12345	3	0.9999999
## 12346	2	0.9999999
## 12347	2	0.9999999
## 12348	3	0.9999999
## 12349	2	0.9999999
## 12350	4	0.9999999
## 12351	3	0.9999999
## 12352	2	0.9999999
## 12353	4	0.9999999
## 12354	2	0.9999999
## 12355	2	0.9999999
## 12356	4	0.9999999
## 12357	2	0.9999999
## 12358	2	0.9999999
## 12359	3	0.9999999
## 12360	3	0.9999999
## 12361	1	0.9999999
## 12362	3	0.9999999
## 12363	4	0.9999999
## 12364	1	0.9999999
## 12365	3	0.9999999
## 12366	4	0.9999999
## 12367	3	0.9999999
## 12368	4	0.9999999
## 12369	1	0.9999999
## 12370	3	0.9999999
## 12371	3	0.9999999
## 12372	2	0.9999999
## 12373	3	0.9999999
## 12374	4	0.9999999
## 12375	4	0.9999999
## 12376	2	0.9999999
## 12377	3	0.9999999
## 12378	2	0.9999999
## 12379	0	0.9999999
## 12380	2	0.9999999
## 12381	4	0.9999998
## 12382	3	0.9999999
## 12383	2	0.9999999
## 12384	4	0.9999999
## 12385	3	0.9999999
## 12386	2	0.9999999
## 12387	3	0.9999999
## 12388	2	0.9999999
## 12389	3	0.9999999
## 12390	4	0.9999999
## 12391	3	0.9999999
## 12392	2	0.9999999
## 12393	3	0.9999999
## 12394	3	0.9999999
## 12395	4	0.9999999

## 12396	2	0.9999998
## 12397	3	0.9999999
## 12398	3	0.9999999
## 12399	2	0.9999998
## 12400	2	0.9999998
## 12401	2	0.9999999
## 12402	3	0.9999999
## 12403	2	0.9999999
## 12404	3	0.9999999
## 12405	2	0.9999999
## 12406	1	0.9999999
## 12407	2	0.9999999
## 12408	3	0.9999998
## 12409	3	0.9999999
## 12410	2	0.9999999
## 12411	3	0.9999999
## 12412	1	0.9999999
## 12413	2	0.9999999
## 12414	2	0.9999999
## 12415	2	0.9999999
## 12416	4	0.9999999
## 12417	2	0.9999999
## 12418	3	0.9999998
## 12419	2	0.9999999
## 12420	3	0.9999999
## 12421	2	0.9999999
## 12422	3	0.9999999
## 12423	2	0.9999999
## 12424	2	0.9999998
## 12425	1	0.9999999
## 12426	2	0.9999999
## 12427	3	0.9999999
## 12428	3	0.9999999
## 12429	2	0.9999999
## 12430	4	0.9999999
## 12431	0	0.9999999
## 12432	2	0.9999999
## 12433	1	0.9999999
## 12434	3	0.9999999
## 12435	3	0.9999999
## 12436	3	0.9999999
## 12437	3	0.9999999
## 12438	2	0.9999999
## 12439	3	0.9999999
## 12440	1	0.9999999
## 12441	2	0.9999999
## 12442	2	0.9999999
## 12443	3	0.9999999
## 12444	2	0.9999999
## 12445	3	0.9999999
## 12446	1	0.9999998
## 12447	4	0.9999999
## 12448	3	0.9999999
## 12449	2	0.9999999

## 12450	2	0.9999999
## 12451	2	0.9999999
## 12452	2	0.9999999
## 12453	4	0.9999999
## 12454	2	0.9999999
## 12455	2	0.9999999
## 12456	4	0.9999999
## 12457	2	0.9999999
## 12458	2	0.9999999
## 12459	1	0.9999999
## 12460	2	0.9999999
## 12461	2	0.9999999
## 12462	4	0.9999999
## 12463	4	0.9999999
## 12464	2	0.9999999
## 12465	4	0.9999999
## 12466	4	0.9999999
## 12467	2	0.9999999
## 12468	4	0.9999999
## 12469	2	0.9999999
## 12470	2	0.9999999
## 12471	1	0.9999999
## 12472	0	0.9999999
## 12473	3	0.9999999
## 12474	2	0.9999999
## 12475	2	0.9999999
## 12476	2	0.9999999
## 12477	4	0.9999999
## 12478	2	0.9999999
## 12479	4	0.9999998
## 12480	4	0.9999999
## 12481	2	0.9999999
## 12482	2	0.9999999
## 12483	3	0.9999999
## 12484	0	0.9999999
## 12485	2	0.9999999
## 12486	2	0.9999998
## 12487	2	0.9999999
## 12488	2	0.9999999
## 12489	2	0.9999999
## 12490	4	0.9999999
## 12491	1	0.9999999
## 12492	4	0.9999999
## 12493	2	0.9999999
## 12494	2	0.9999999
## 12495	4	0.9999999
## 12496	2	0.9999999
## 12497	2	0.9999999
## 12498	3	0.9999999
## 12499	3	0.9999999
## 12500	2	0.9999999
## 12501	2	0.9999999
## 12502	3	0.9999999
## 12503	2	0.9999999

## 12504	3	0.9999999
## 12505	0	0.9999999
## 12506	4	0.9999999
## 12507	2	0.9999998
## 12508	3	0.9999999
## 12509	4	0.9999999
## 12510	3	0.9999999
## 12511	4	0.9999999
## 12512	4	0.9999999
## 12513	2	0.9999999
## 12514	2	0.9999999
## 12515	2	0.9999999
## 12516	3	0.9999999
## 12517	4	0.9999999
## 12518	2	0.9999999
## 12519	3	0.9999999
## 12520	3	0.9999999
## 12521	4	0.9999999
## 12522	4	0.9999999
## 12523	2	0.9999999
## 12524	2	0.9999999
## 12525	3	0.9999999
## 12526	2	0.9999999
## 12527	4	0.9999999
## 12528	3	0.9999999
## 12529	4	0.9999999
## 12530	3	0.9999999
## 12531	3	0.9999999
## 12532	2	0.9999999
## 12533	2	0.9999999
## 12534	3	0.9999999
## 12535	2	0.9999999
## 12536	2	0.9999999
## 12537	2	0.9999999
## 12538	2	0.9999999
## 12539	3	0.9999999
## 12540	4	0.9999999
## 12541	2	0.9999999
## 12542	2	0.9999999
## 12543	2	0.9999998
## 12544	2	0.9999999
## 12545	4	0.9999999
## 12546	1	0.9999999
## 12547	2	0.9999999
## 12548	3	0.9999999
## 12549	1	0.9999998
## 12550	1	0.9999999
## 12551	2	0.9999999
## 12552	4	0.9999999
## 12553	4	0.9999999
## 12554	2	0.9999999
## 12555	2	0.9999999
## 12556	4	0.9999999
## 12557	4	0.9999999

## 12558	2	0.9999999
## 12559	2	0.9999999
## 12560	3	0.9999999
## 12561	3	0.9999999
## 12562	3	0.9999999
## 12563	3	0.9999999
## 12564	3	0.9999999
## 12565	4	0.9999999
## 12566	2	0.9999999
## 12567	4	0.9999999
## 12568	0	0.9999998
## 12569	1	0.9999999
## 12570	4	0.9999999
## 12571	2	0.9999999
## 12572	4	0.9999999
## 12573	3	0.9999999
## 12574	0	0.9999999
## 12575	1	0.9999999
## 12576	3	0.9999999
## 12577	4	0.9999999
## 12578	2	0.9999999
## 12579	2	0.9999999
## 12580	2	0.9999999
## 12581	4	0.9999999
## 12582	2	0.9999999
## 12583	1	0.9999999
## 12584	3	0.9999999
## 12585	2	0.9999999
## 12586	2	0.9999999
## 12587	4	0.9999999
## 12588	4	0.9999999
## 12589	3	0.9999999
## 12590	2	0.9999998
## 12591	1	0.9999999
## 12592	2	0.9999999
## 12593	2	0.9999999
## 12594	4	0.9999999
## 12595	2	0.9999999
## 12596	2	0.9999999
## 12597	2	0.9999999
## 12598	4	0.9999999
## 12599	3	0.9999999
## 12600	3	0.9999999
## 12601	2	0.9999999
## 12602	3	0.9999999
## 12603	0	0.9999999
## 12604	4	0.9999999
## 12605	2	0.9999999
## 12606	2	0.9999999
## 12607	2	0.9999999
## 12608	4	0.9999999
## 12609	4	0.9999999
## 12610	2	0.9999999
## 12611	3	0.9999999

## 12612	4	0.9999999
## 12613	2	0.9999999
## 12614	2	0.9999999
## 12615	4	0.9999999
## 12616	4	0.9999999
## 12617	2	0.9999999
## 12618	4	0.9999999
## 12619	2	0.9999999
## 12620	2	0.9999999
## 12621	4	0.9999999
## 12622	3	0.9999999
## 12623	1	0.9999999
## 12624	3	0.9999998
## 12625	2	0.9999999
## 12626	4	0.9999999
## 12627	4	0.9999999
## 12628	2	0.9999999
## 12629	2	0.9999999
## 12630	2	0.9999998
## 12631	3	0.9999999
## 12632	1	0.9999999
## 12633	2	0.9999999
## 12634	3	0.9999999
## 12635	2	0.9999999
## 12636	2	0.9999998
## 12637	3	0.9999999
## 12638	2	0.9999999
## 12639	3	0.9999999
## 12640	0	0.9999999
## 12641	3	0.9999999
## 12642	2	0.9999999
## 12643	3	0.9999999
## 12644	3	0.9999999
## 12645	3	0.9999998
## 12646	4	0.9999999
## 12647	2	0.9999999
## 12648	1	0.9999999
## 12649	2	0.9999999
## 12650	2	0.9999999
## 12651	3	0.9999998
## 12652	2	0.9999999
## 12653	3	0.9999999
## 12654	2	0.9999999
## 12655	2	0.9999999
## 12656	2	0.9999999
## 12657	4	0.9999999
## 12658	1	0.9999999
## 12659	2	0.9999999
## 12660	2	0.9999999
## 12661	3	0.9999999
## 12662	2	0.9999999
## 12663	2	0.9999999
## 12664	4	0.9999999
## 12665	2	0.9999999

## 12666	2	0.9999999
## 12667	1	0.9999998
## 12668	4	0.9999999
## 12669	2	0.9999999
## 12670	2	0.9999999
## 12671	2	0.9999999
## 12672	2	0.9999999
## 12673	3	0.9999999
## 12674	0	0.9999999
## 12675	2	0.9999999
## 12676	2	0.9999999
## 12677	4	0.9999999
## 12678	4	0.9999999
## 12679	2	0.9999999
## 12680	4	0.9999999
## 12681	3	0.9999999
## 12682	1	0.9999999
## 12683	4	0.9999999
## 12684	1	0.9999999
## 12685	0	0.9999999
## 12686	3	0.9999999
## 12687	2	0.9999999
## 12688	2	0.9999999
## 12689	4	0.9999999
## 12690	4	0.9999999
## 12691	4	0.9999999
## 12692	1	0.9999999
## 12693	3	0.9999999
## 12694	3	0.9999999
## 12695	4	0.9999999
## 12696	4	0.9999999
## 12697	3	0.9999999
## 12698	2	0.9999999
## 12699	2	0.9999999
## 12700	2	0.9999999
## 12701	3	0.9999999
## 12702	2	0.9999999
## 12703	3	0.9999999
## 12704	4	0.9999999
## 12705	2	0.9999999
## 12706	4	0.9999999
## 12707	4	0.9999999
## 12708	3	0.9999999
## 12709	2	0.9999999
## 12710	2	0.9999999
## 12711	4	0.9999999
## 12712	3	0.9999999
## 12713	4	0.9999999
## 12714	3	0.9999999
## 12715	1	0.9999999
## 12716	2	0.9999999
## 12717	2	0.9999999
## 12718	2	0.9999999
## 12719	4	0.9999999

## 12720	2	0.9999999
## 12721	3	0.9999999
## 12722	2	0.9999999
## 12723	2	0.9999999
## 12724	3	0.9999999
## 12725	4	0.9999999
## 12726	1	0.9999999
## 12727	2	0.9999999
## 12728	2	0.9999999
## 12729	1	0.9999999
## 12730	3	0.9999999
## 12731	0	0.9999999
## 12732	3	0.9999999
## 12733	4	0.9999999
## 12734	2	0.9999999
## 12735	2	0.9999999
## 12736	4	0.9999999
## 12737	4	0.9999999
## 12738	4	0.9999999
## 12739	2	0.9999999
## 12740	1	0.9999999
## 12741	2	0.9999999
## 12742	2	0.9999999
## 12743	3	0.9999999
## 12744	2	0.9999999
## 12745	3	0.9999999
## 12746	3	0.9999998
## 12747	2	0.9999999
## 12748	3	0.9999999
## 12749	3	0.9999999
## 12750	1	0.9999999
## 12751	0	0.9999999
## 12752	4	0.9999999
## 12753	3	0.9999999
## 12754	3	0.9999999
## 12755	4	0.9999999
## 12756	2	0.9999998
## 12757	2	0.9999998
## 12758	2	0.9999999
## 12759	4	0.9999999
## 12760	2	0.9999999
## 12761	2	0.9999999
## 12762	3	0.9999999
## 12763	2	0.9999999
## 12764	2	0.9999999
## 12765	1	0.9999998
## 12766	1	0.9999999
## 12767	3	0.9999999
## 12768	3	0.9999999
## 12769	4	0.9999999
## 12770	2	0.9999999
## 12771	2	0.9999999
## 12772	2	0.9999999
## 12773	1	0.9999999

## 12774	3	0.9999999
## 12775	3	0.9999999
## 12776	4	0.9999999
## 12777	2	0.9999999
## 12778	4	0.9999999
## 12779	2	0.9999999
## 12780	3	0.9999999
## 12781	2	0.9999999
## 12782	1	0.9999999
## 12783	1	0.9999999
## 12784	1	0.9999999
## 12785	2	0.9999999
## 12786	2	0.9999999
## 12787	3	0.9999999
## 12788	0	0.9999999
## 12789	2	0.9999999
## 12790	3	0.9999999
## 12791	2	0.9999999
## 12792	3	0.9999999
## 12793	2	0.9999999
## 12794	3	0.9999999
## 12795	1	0.9999999
## 12796	2	0.9999999
## 12797	3	0.9999998
## 12798	4	0.9999999
## 12799	2	0.9999999
## 12800	4	0.9999999
## 12801	2	0.9999999
## 12802	2	0.9999999
## 12803	2	0.9999999
## 12804	3	0.9999999
## 12805	2	0.9999999
## 12806	1	0.9999999
## 12807	3	0.9999999
## 12808	4	0.9999999
## 12809	2	0.9999999
## 12810	3	0.9999999
## 12811	3	0.9999999
## 12812	4	0.9999999
## 12813	1	0.9999999
## 12814	3	0.9999999
## 12815	3	0.9999999
## 12816	4	0.9999998
## 12817	3	0.9999999
## 12818	4	0.9999999
## 12819	2	0.9999999
## 12820	4	0.9999999
## 12821	3	0.9999998
## 12822	4	0.9999999
## 12823	1	0.9999999
## 12824	2	0.9999999
## 12825	4	0.9999999
## 12826	2	0.9999999
## 12827	2	0.9999999

## 12828	3	0.9999999
## 12829	2	0.9999999
## 12830	0	0.9999999
## 12831	4	0.9999999
## 12832	3	0.9999999
## 12833	2	0.9999999
## 12834	2	0.9999999
## 12835	2	0.9999999
## 12836	2	0.9999999
## 12837	0	0.9999999
## 12838	3	0.9999999
## 12839	2	0.9999999
## 12840	2	0.9999999
## 12841	4	0.9999999
## 12842	4	0.9999999
## 12843	2	0.9999999
## 12844	1	0.9999999
## 12845	2	0.9999999
## 12846	2	0.9999999
## 12847	3	0.9999999
## 12848	2	0.9999999
## 12849	2	0.9999999
## 12850	2	0.9999999
## 12851	3	0.9999999
## 12852	2	0.9999999
## 12853	0	0.9999999
## 12854	3	0.9999999
## 12855	4	0.9999999
## 12856	2	0.9999998
## 12857	1	0.9999999
## 12858	3	0.9999999
## 12859	4	0.9999999
## 12860	0	0.9999999
## 12861	2	0.9999999
## 12862	4	0.9999998
## 12863	3	0.9999999
## 12864	3	0.9999999
## 12865	2	0.9999999
## 12866	1	0.9999999
## 12867	2	0.9999999
## 12868	2	0.9999999
## 12869	4	0.9999999
## 12870	2	0.9999999
## 12871	3	0.9999999
## 12872	3	0.9999999
## 12873	2	0.9999999
## 12874	2	0.9999999
## 12875	3	0.9999999
## 12876	3	0.9999999
## 12877	2	0.9999998
## 12878	2	0.9999999
## 12879	1	0.9999999
## 12880	4	0.9999999
## 12881	0	0.9999999

## 12882	4	0.9999999
## 12883	2	0.9999999
## 12884	3	0.9999999
## 12885	3	0.9999999
## 12886	1	0.9999999
## 12887	4	0.9999999
## 12888	2	0.9999999
## 12889	4	0.9999999
## 12890	4	0.9999999
## 12891	2	0.9999999
## 12892	1	0.9999999
## 12893	2	0.9999999
## 12894	1	0.9999999
## 12895	4	0.9999999
## 12896	2	0.9999999
## 12897	3	0.9999999
## 12898	3	0.9999999
## 12899	2	0.9999999
## 12900	4	0.9999999
## 12901	4	0.9999999
## 12902	4	0.9999999
## 12903	2	0.9999999
## 12904	2	0.9999999
## 12905	4	0.9999999
## 12906	4	0.9999999
## 12907	2	0.9999999
## 12908	3	0.9999999
## 12909	0	0.9999999
## 12910	2	0.9999999
## 12911	4	0.9999999
## 12912	3	0.9999999
## 12913	3	0.9999999
## 12914	4	0.9999999
## 12915	2	0.9999999
## 12916	2	0.9999999
## 12917	2	0.9999999
## 12918	2	0.9999999
## 12919	2	0.9999999
## 12920	3	0.9999999
## 12921	4	0.9999999
## 12922	3	0.9999999
## 12923	3	0.9999998
## 12924	3	0.9999999
## 12925	2	0.9999999
## 12926	2	0.9999999
## 12927	3	0.9999999
## 12928	4	0.9999999
## 12929	3	0.9999999
## 12930	3	0.9999999
## 12931	3	0.9999999
## 12932	3	0.9999999
## 12933	3	0.9999999
## 12934	3	0.9999999
## 12935	3	0.9999999

## 12936	1	0.9999999
## 12937	2	0.9999999
## 12938	2	0.9999999
## 12939	2	0.9999999
## 12940	4	0.9999999
## 12941	3	0.9999999
## 12942	2	0.9999999
## 12943	2	0.9999999
## 12944	2	0.9999999
## 12945	2	0.9999999
## 12946	4	0.9999999
## 12947	4	0.9999999
## 12948	2	0.9999999
## 12949	4	0.9999999
## 12950	3	0.9999999
## 12951	1	0.9999999
## 12952	2	0.9999999
## 12953	4	0.9999999
## 12954	2	0.9999999
## 12955	2	0.9999999
## 12956	2	0.9999999
## 12957	1	0.9999999
## 12958	4	0.9999999
## 12959	2	0.9999998
## 12960	2	0.9999999
## 12961	4	0.9999999
## 12962	3	0.9999999
## 12963	2	0.9999999
## 12964	2	0.9999999
## 12965	3	0.9999999
## 12966	2	0.9999999
## 12967	1	0.9999999
## 12968	2	0.9999999
## 12969	3	0.9999998
## 12970	2	0.9999999
## 12971	1	0.9999999
## 12972	3	0.9999999
## 12973	1	0.9999999
## 12974	3	0.9999999
## 12975	0	0.9999999
## 12976	1	0.9999999
## 12977	1	0.9999999
## 12978	4	0.9999999
## 12979	3	0.9999999
## 12980	4	0.9999999
## 12981	4	0.9999999
## 12982	3	0.9999999
## 12983	1	0.9999999
## 12984	2	0.9999999
## 12985	3	0.9999999
## 12986	4	0.9999999
## 12987	2	0.9999999
## 12988	2	0.9999999
## 12989	2	0.9999999

## 12990	4	0.9999999
## 12991	4	0.9999999
## 12992	2	0.9999999
## 12993	2	0.9999999
## 12994	2	0.9999999
## 12995	4	0.9999999
## 12996	1	0.9999999
## 12997	3	0.9999999
## 12998	1	0.9999999
## 12999	4	0.9999999
## 13000	4	0.9999999
## 13001	2	0.9999999
## 13002	4	0.9999998
## 13003	2	0.9999999
## 13004	0	0.9999999
## 13005	3	0.9999998
## 13006	2	0.9999999
## 13007	2	0.9999999
## 13008	3	0.9999999
## 13009	2	0.9999999
## 13010	3	0.9999999
## 13011	4	0.9999999
## 13012	2	0.9999999
## 13013	1	0.9999999
## 13014	1	0.9999999
## 13015	2	0.9999999
## 13016	2	0.9999999
## 13017	2	0.9999998
## 13018	4	0.9999998
## 13019	2	0.9999999
## 13020	4	0.9999999
## 13021	3	0.9999999
## 13022	2	0.9999999
## 13023	2	0.9999998
## 13024	4	0.9999999
## 13025	4	0.9999999
## 13026	3	0.9999999
## 13027	3	0.9999999
## 13028	3	0.9999999
## 13029	4	0.9999999
## 13030	2	0.9999999
## 13031	2	0.9999999
## 13032	1	0.9999999
## 13033	2	0.9999999
## 13034	2	0.9999999
## 13035	2	0.9999999
## 13036	2	0.9999999
## 13037	2	0.9999999
## 13038	4	0.9999999
## 13039	2	0.9999999
## 13040	2	0.9999999
## 13041	1	0.9999999
## 13042	3	0.9999999
## 13043	3	0.9999999

## 13044	3	0.9999999
## 13045	2	0.9999999
## 13046	4	0.9999999
## 13047	1	0.9999999
## 13048	2	0.9999999
## 13049	2	0.9999998
## 13050	4	0.9999999
## 13051	1	0.9999999
## 13052	3	0.9999999
## 13053	4	0.9999999
## 13054	2	0.9999999
## 13055	2	0.9999999
## 13056	3	0.9999999
## 13057	2	0.9999999
## 13058	2	0.9999999
## 13059	4	0.9999999
## 13060	2	0.9999999
## 13061	2	0.9999999
## 13062	2	0.9999999
## 13063	2	0.9999998
## 13064	4	0.9999999
## 13065	4	0.9999999
## 13066	2	0.9999999
## 13067	2	0.9999999
## 13068	3	0.9999999
## 13069	2	0.9999999
## 13070	4	0.9999999
## 13071	4	0.9999999
## 13072	3	0.9999999
## 13073	2	0.9999999
## 13074	3	0.9999999
## 13075	3	0.9999999
## 13076	2	0.9999999
## 13077	2	0.9999999
## 13078	4	0.9999999
## 13079	0	0.9999999
## 13080	2	0.9999999
## 13081	4	0.9999999
## 13082	2	0.9999999
## 13083	4	0.9999999
## 13084	4	0.9999999
## 13085	1	0.9999999
## 13086	2	0.9999999
## 13087	2	0.9999999
## 13088	4	0.9999999
## 13089	2	0.9999999
## 13090	3	0.9999999
## 13091	2	0.9999999
## 13092	4	0.9999999
## 13093	3	0.9999999
## 13094	3	0.9999999
## 13095	3	0.9999999
## 13096	3	0.9999999
## 13097	1	0.9999999

## 13098	3	0.9999999
## 13099	2	0.9999999
## 13100	2	0.9999999
## 13101	3	0.9999999
## 13102	2	0.9999999
## 13103	2	0.9999999
## 13104	2	0.9999999
## 13105	3	0.9999998
## 13106	3	0.9999999
## 13107	2	0.9999999
## 13108	1	0.9999999
## 13109	2	0.9999999
## 13110	2	0.9999999
## 13111	3	0.9999999
## 13112	2	0.9999999
## 13113	4	0.9999999
## 13114	1	0.9999999
## 13115	4	0.9999999
## 13116	4	0.9999999
## 13117	2	0.9999998
## 13118	3	0.9999999
## 13119	2	0.9999999
## 13120	2	0.9999999
## 13121	2	0.9999999
## 13122	2	0.9999999
## 13123	2	0.9999999
## 13124	4	0.9999999
## 13125	4	0.9999999
## 13126	3	0.9999999
## 13127	4	0.9999999
## 13128	3	0.9999998
## 13129	0	0.9999999
## 13130	1	0.9999999
## 13131	4	0.9999999
## 13132	2	0.9999999
## 13133	4	0.9999999
## 13134	4	0.9999999
## 13135	3	0.9999999
## 13136	2	0.9999999
## 13137	4	0.9999999
## 13138	3	0.9999998
## 13139	2	0.9999999
## 13140	4	0.9999999
## 13141	2	0.9999999
## 13142	2	0.9999999
## 13143	2	0.9999999
## 13144	2	0.9999999
## 13145	3	0.9999999
## 13146	4	0.9999998
## 13147	4	0.9999999
## 13148	2	0.9999999
## 13149	2	0.9999999
## 13150	3	0.9999999
## 13151	4	0.9999999

## 13152	4	0.9999999
## 13153	4	0.9999999
## 13154	2	0.9999999
## 13155	0	0.9999999
## 13156	2	0.9999999
## 13157	2	0.9999999
## 13158	3	0.9999999
## 13159	0	0.9999998
## 13160	4	0.9999999
## 13161	4	0.9999999
## 13162	2	0.9999999
## 13163	0	0.9999999
## 13164	3	0.9999999
## 13165	3	0.9999999
## 13166	2	0.9999999
## 13167	2	0.9999999
## 13168	2	0.9999999
## 13169	3	0.9999999
## 13170	2	0.9999999
## 13171	1	0.9999999
## 13172	2	0.9999999
## 13173	3	0.9999999
## 13174	4	0.9999999
## 13175	3	0.9999999
## 13176	4	0.9999999
## 13177	2	0.9999999
## 13178	4	0.9999999
## 13179	2	0.9999999
## 13180	3	0.9999999
## 13181	3	0.9999999
## 13182	3	0.9999998
## 13183	1	0.9999999
## 13184	3	0.9999999
## 13185	4	0.9999999
## 13186	2	0.9999999
## 13187	1	0.9999999
## 13188	3	0.9999999
## 13189	3	0.9999999
## 13190	2	0.9999999
## 13191	1	0.9999999
## 13192	2	0.9999999
## 13193	2	0.9999999
## 13194	1	0.9999999
## 13195	4	0.9999999
## 13196	2	0.9999999
## 13197	2	0.9999999
## 13198	1	0.9999999
## 13199	2	0.9999999
## 13200	3	0.9999999
## 13201	3	0.9999999
## 13202	2	0.9999999
## 13203	0	0.9999999
## 13204	4	0.9999999
## 13205	4	0.9999999

## 13206	2	0.9999999
## 13207	4	0.9999999
## 13208	1	0.9999999
## 13209	3	0.9999999
## 13210	2	0.9999999
## 13211	3	0.9999998
## 13212	4	0.9999999
## 13213	2	0.9999999
## 13214	2	0.9999999
## 13215	2	0.9999999
## 13216	4	0.9999999
## 13217	2	0.9999999
## 13218	2	0.9999999
## 13219	3	0.9999999
## 13220	3	0.9999999
## 13221	2	0.9999999
## 13222	4	0.9999999
## 13223	4	0.9999999
## 13224	3	0.9999999
## 13225	3	0.9999999
## 13226	1	0.9999999
## 13227	0	0.9999999
## 13228	3	0.9999999
## 13229	2	0.9999999
## 13230	2	0.9999999
## 13231	2	0.9999999
## 13232	4	0.9999999
## 13233	3	0.9999999
## 13234	1	0.9999999
## 13235	4	0.9999999
## 13236	3	0.9999999
## 13237	4	0.9999999
## 13238	3	0.9999999
## 13239	2	0.9999999
## 13240	3	0.9999999
## 13241	2	0.9999999
## 13242	2	0.9999999
## 13243	2	0.9999999
## 13244	2	0.9999999
## 13245	2	0.9999999
## 13246	2	0.9999999
## 13247	2	0.9999999
## 13248	2	0.9999999
## 13249	3	0.9999999
## 13250	4	0.9999999
## 13251	4	0.9999999
## 13252	2	0.9999999
## 13253	2	0.9999999
## 13254	2	0.9999999
## 13255	2	0.9999999
## 13256	4	0.9999999
## 13257	2	0.9999999
## 13258	1	0.9999999
## 13259	2	0.9999999

## 13260	2	0.9999999
## 13261	2	0.9999998
## 13262	3	0.9999999
## 13263	1	0.9999999
## 13264	3	0.9999999
## 13265	4	0.9999999
## 13266	1	0.9999999
## 13267	2	0.9999999
## 13268	4	0.9999999
## 13269	4	0.9999998
## 13270	1	0.9999999
## 13271	3	0.9999999
## 13272	2	0.9999999
## 13273	4	0.9999999
## 13274	1	0.9999999
## 13275	4	0.9999999
## 13276	3	0.9999999
## 13277	2	0.9999999
## 13278	4	0.9999999
## 13279	3	0.9999999
## 13280	4	0.9999999
## 13281	4	0.9999999
## 13282	4	0.9999999
## 13283	4	0.9999999
## 13284	3	0.9999999
## 13285	3	0.9999999
## 13286	0	0.9999999
## 13287	2	0.9999999
## 13288	3	0.9999999
## 13289	2	0.9999999
## 13290	4	0.9999999
## 13291	1	0.9999999
## 13292	3	0.9999999
## 13293	4	0.9999999
## 13294	3	0.9999999
## 13295	3	0.9999998
## 13296	4	0.9999999
## 13297	3	0.9999999
## 13298	3	0.9999999
## 13299	4	0.9999999
## 13300	2	0.9999999
## 13301	2	0.9999999
## 13302	3	0.9999999
## 13303	2	0.9999999
## 13304	2	0.9999999
## 13305	1	0.9999999
## 13306	0	0.9999999
## 13307	4	0.9999999
## 13308	1	0.9999999
## 13309	3	0.9999999
## 13310	4	0.9999999
## 13311	4	0.9999999
## 13312	4	0.9999999
## 13313	2	0.9999999

## 13314	3	0.9999999
## 13315	2	0.9999999
## 13316	2	0.9999999
## 13317	4	0.9999999
## 13318	3	0.9999999
## 13319	2	0.9999999
## 13320	3	0.9999999
## 13321	3	0.9999999
## 13322	2	0.9999999
## 13323	0	0.9999999
## 13324	4	0.9999999
## 13325	4	0.9999999
## 13326	4	0.9999999
## 13327	2	0.9999999
## 13328	2	0.9999999
## 13329	2	0.9999999
## 13330	3	0.9999999
## 13331	3	0.9999999
## 13332	2	0.9999999
## 13333	2	0.9999999
## 13334	4	0.9999999
## 13335	2	0.9999999
## 13336	2	0.9999999
## 13337	4	0.9999999
## 13338	4	0.9999999
## 13339	2	0.9999999
## 13340	1	0.9999999
## 13341	3	0.9999999
## 13342	4	0.9999999
## 13343	3	0.9999999
## 13344	4	0.9999999
## 13345	4	0.9999999
## 13346	1	0.9999999
## 13347	2	0.9999999
## 13348	1	0.9999999
## 13349	3	0.9999999
## 13350	4	0.9999999
## 13351	3	0.9999999
## 13352	1	0.9999999
## 13353	2	0.9999999
## 13354	2	0.9999999
## 13355	2	0.9999999
## 13356	2	0.9999999
## 13357	2	0.9999999
## 13358	3	0.9999999
## 13359	4	0.9999999
## 13360	4	0.9999999
## 13361	3	0.9999999
## 13362	2	0.9999999
## 13363	3	0.9999999
## 13364	4	0.9999999
## 13365	3	0.9999999
## 13366	3	0.9999999
## 13367	3	0.9999999

## 13368	2	0.9999999
## 13369	2	0.9999999
## 13370	4	0.9999999
## 13371	2	0.9999999
## 13372	2	0.9999999
## 13373	3	0.9999999
## 13374	1	0.9999999
## 13375	2	0.9999999
## 13376	3	0.9999999
## 13377	4	0.9999999
## 13378	4	0.9999999
## 13379	3	0.9999999
## 13380	4	0.9999999
## 13381	3	0.9999999
## 13382	1	0.9999999
## 13383	2	0.9999999
## 13384	2	0.9999999
## 13385	2	0.9999999
## 13386	2	0.9999999
## 13387	2	0.9999999
## 13388	3	0.9999999
## 13389	2	0.9999999
## 13390	3	0.9999999
## 13391	3	0.9999999
## 13392	3	0.9999999
## 13393	2	0.9999999
## 13394	2	0.9999999
## 13395	4	0.9999999
## 13396	4	0.9999999
## 13397	2	0.9999999
## 13398	2	0.9999999
## 13399	2	0.9999999
## 13400	4	0.9999999
## 13401	3	0.9999999
## 13402	3	0.9999999
## 13403	4	0.9999999
## 13404	4	0.9999999
## 13405	2	0.9999999
## 13406	3	0.9999999
## 13407	2	0.9999999
## 13408	2	0.9999999
## 13409	2	0.9999999
## 13410	2	0.9999999
## 13411	4	0.9999999
## 13412	3	0.9999999
## 13413	1	0.9999999
## 13414	2	0.9999998
## 13415	4	0.9999999
## 13416	2	0.9999999
## 13417	3	0.9999999
## 13418	3	0.9999999
## 13419	3	0.9999999
## 13420	4	0.9999999
## 13421	4	0.9999999

## 13422	2	0.9999999
## 13423	1	0.9999999
## 13424	2	0.9999999
## 13425	3	0.9999999
## 13426	4	0.9999999
## 13427	2	0.9999999
## 13428	3	0.9999999
## 13429	4	0.9999999
## 13430	3	0.9999999
## 13431	4	0.9999998
## 13432	3	0.9999999
## 13433	2	0.9999999
## 13434	4	0.9999999
## 13435	2	0.9999999
## 13436	2	0.9999999
## 13437	4	0.9999999
## 13438	4	0.9999999
## 13439	1	0.9999999
## 13440	3	0.9999999
## 13441	4	0.9999999
## 13442	4	0.9999999
## 13443	2	0.9999999
## 13444	3	0.9999999
## 13445	1	0.9999999
## 13446	2	0.9999999
## 13447	2	0.9999999
## 13448	4	0.9999999
## 13449	2	0.9999999
## 13450	3	0.9999999
## 13451	1	0.9999999
## 13452	1	0.9999999
## 13453	2	0.9999999
## 13454	2	0.9999999
## 13455	2	0.9999999
## 13456	4	0.9999999
## 13457	2	0.9999999
## 13458	3	0.9999999
## 13459	2	0.9999999
## 13460	2	0.9999999
## 13461	2	0.9999999
## 13462	2	0.9999999
## 13463	2	0.9999999
## 13464	2	0.9999999
## 13465	2	0.9999999
## 13466	0	0.9999999
## 13467	2	0.9999999
## 13468	2	0.9999999
## 13469	4	0.9999999
## 13470	3	0.9999999
## 13471	2	0.9999999
## 13472	1	0.9999999
## 13473	3	0.9999999
## 13474	2	0.9999999
## 13475	4	0.9999999

## 13476	2	0.9999999
## 13477	2	0.9999999
## 13478	2	0.9999999
## 13479	4	0.9999999
## 13480	1	0.9999999
## 13481	0	0.9999999
## 13482	2	0.9999999
## 13483	3	0.9999999
## 13484	4	0.9999999
## 13485	1	0.9999999
## 13486	2	0.9999999
## 13487	2	0.9999998
## 13488	2	0.9999999
## 13489	4	0.9999999
## 13490	3	0.9999998
## 13491	3	0.9999999
## 13492	2	0.9999999
## 13493	2	0.9999999
## 13494	4	0.9999999
## 13495	4	0.9999999
## 13496	2	0.9999999
## 13497	4	0.9999999
## 13498	2	0.9999999
## 13499	2	0.9999999
## 13500	0	0.9999998
## 13501	3	0.9999999
## 13502	2	0.9999999
## 13503	0	0.9999999
## 13504	2	0.9999999
## 13505	2	0.9999999
## 13506	2	0.9999999
## 13507	2	0.9999999
## 13508	2	0.9999999
## 13509	3	0.9999999
## 13510	2	0.9999999
## 13511	3	0.9999999
## 13512	3	0.9999999
## 13513	3	0.9999999
## 13514	3	0.9999998
## 13515	2	0.9999999
## 13516	3	0.9999998
## 13517	4	0.9999999
## 13518	3	0.9999999
## 13519	2	0.9999999
## 13520	2	0.9999999
## 13521	2	0.9999998
## 13522	2	0.9999999
## 13523	2	0.9999999
## 13524	4	0.9999999
## 13525	1	0.9999999
## 13526	1	0.9999999
## 13527	3	0.9999999
## 13528	2	0.9999999
## 13529	0	0.9999999

## 13530	2	0.9999999
## 13531	4	0.9999999
## 13532	3	0.9999999
## 13533	3	0.9999999
## 13534	1	0.9999999
## 13535	2	0.9999999
## 13536	3	0.9999999
## 13537	3	0.9999999
## 13538	2	0.9999999
## 13539	2	0.9999999
## 13540	3	0.9999999
## 13541	2	0.9999999
## 13542	3	0.9999999
## 13543	4	0.9999999
## 13544	4	0.9999999
## 13545	3	0.9999999
## 13546	4	0.9999999
## 13547	2	0.9999999
## 13548	4	0.9999999
## 13549	2	0.9999999
## 13550	3	0.9999999
## 13551	4	0.9999999
## 13552	2	0.9999999
## 13553	2	0.9999999
## 13554	4	0.9999999
## 13555	3	0.9999999
## 13556	2	0.9999999
## 13557	3	0.9999999
## 13558	2	0.9999999
## 13559	2	0.9999999
## 13560	4	0.9999998
## 13561	3	0.9999999
## 13562	1	0.9999999
## 13563	1	0.9999999
## 13564	4	0.9999999
## 13565	4	0.9999999
## 13566	2	0.9999999
## 13567	1	0.9999999
## 13568	2	0.9999999
## 13569	3	0.9999999
## 13570	1	0.9999999
## 13571	4	0.9999999
## 13572	2	0.9999999
## 13573	2	0.9999999
## 13574	4	0.9999999
## 13575	1	0.9999999
## 13576	3	0.9999999
## 13577	2	0.9999999
## 13578	3	0.9999999
## 13579	3	0.9999998
## 13580	3	0.9999999
## 13581	2	0.9999999
## 13582	2	0.9999999
## 13583	1	0.9999999

## 13584	2	0.9999999
## 13585	2	0.9999999
## 13586	3	0.9999999
## 13587	2	0.9999999
## 13588	4	0.9999999
## 13589	4	0.9999999
## 13590	2	0.9999999
## 13591	4	0.9999999
## 13592	3	0.9999999
## 13593	3	0.9999999
## 13594	3	0.9999999
## 13595	2	0.9999999
## 13596	3	0.9999999
## 13597	2	0.9999999
## 13598	2	0.9999999
## 13599	0	0.9999999
## 13600	4	0.9999999
## 13601	2	0.9999999
## 13602	2	0.9999999
## 13603	2	0.9999999
## 13604	4	0.9999999
## 13605	1	0.9999999
## 13606	4	0.9999999
## 13607	2	0.9999999
## 13608	2	0.9999999
## 13609	3	0.9999998
## 13610	2	0.9999999
## 13611	4	0.9999999
## 13612	2	0.9999998
## 13613	3	0.9999999
## 13614	3	0.9999999
## 13615	2	0.9999999
## 13616	4	0.9999999
## 13617	2	0.9999999
## 13618	3	0.9999999
## 13619	4	0.9999999
## 13620	4	0.9999999
## 13621	4	0.9999999
## 13622	2	0.9999999
## 13623	2	0.9999999
## 13624	1	0.9999999
## 13625	2	0.9999999
## 13626	4	0.9999999
## 13627	3	0.9999999
## 13628	2	0.9999999
## 13629	2	0.9999999
## 13630	3	0.9999999
## 13631	4	0.9999998
## 13632	3	0.9999999
## 13633	2	0.9999999
## 13634	4	0.9999999
## 13635	4	0.9999999
## 13636	2	0.9999999
## 13637	2	0.9999999

## 13638	2	0.9999999
## 13639	2	0.9999999
## 13640	3	0.9999999
## 13641	2	0.9999999
## 13642	1	0.9999999
## 13643	2	0.9999999
## 13644	2	0.9999999
## 13645	2	0.9999999
## 13646	2	0.9999999
## 13647	4	0.9999999
## 13648	3	0.9999999
## 13649	2	0.9999999
## 13650	3	0.9999999
## 13651	3	0.9999999
## 13652	2	0.9999999
## 13653	2	0.9999998
## 13654	2	0.9999999
## 13655	2	0.9999999
## 13656	3	0.9999999
## 13657	3	0.9999999
## 13658	2	0.9999999
## 13659	2	0.9999999
## 13660	3	0.9999999
## 13661	4	0.9999999
## 13662	4	0.9999999
## 13663	4	0.9999999
## 13664	4	0.9999999
## 13665	4	0.9999999
## 13666	2	0.9999999
## 13667	3	0.9999999
## 13668	3	0.9999999
## 13669	3	0.9999999
## 13670	3	0.9999999
## 13671	4	0.9999999
## 13672	1	0.9999999
## 13673	2	0.9999999
## 13674	3	0.9999999
## 13675	4	0.9999999
## 13676	2	0.9999999
## 13677	3	0.9999999
## 13678	1	0.9999999
## 13679	4	0.9999999
## 13680	1	0.9999999
## 13681	2	0.9999999
## 13682	0	0.9999999
## 13683	1	0.9999999
## 13684	3	0.9999998
## 13685	1	0.9999999
## 13686	1	0.9999999
## 13687	3	0.9999999
## 13688	3	0.9999999
## 13689	2	0.9999999
## 13690	2	0.9999999
## 13691	1	0.9999999

## 13692	3	0.9999999
## 13693	4	0.9999999
## 13694	4	0.9999999
## 13695	3	0.9999999
## 13696	2	0.9999999
## 13697	4	0.9999999
## 13698	3	0.9999999
## 13699	4	0.9999999
## 13700	3	0.9999999
## 13701	2	0.9999999
## 13702	2	0.9999999
## 13703	1	0.9999999
## 13704	4	0.9999999
## 13705	4	0.9999999
## 13706	4	0.9999999
## 13707	1	0.9999999
## 13708	2	0.9999999
## 13709	1	0.9999999
## 13710	3	0.9999999
## 13711	3	0.9999999
## 13712	2	0.9999999
## 13713	3	0.9999999
## 13714	3	0.9999999
## 13715	4	0.9999999
## 13716	3	0.9999999
## 13717	1	0.9999999
## 13718	2	0.9999999
## 13719	2	0.9999999
## 13720	4	0.9999999
## 13721	4	0.9999999
## 13722	3	0.9999999
## 13723	1	0.9999999
## 13724	3	0.9999999
## 13725	3	0.9999998
## 13726	2	0.9999999
## 13727	2	0.9999999
## 13728	2	0.9999999
## 13729	2	0.9999999
## 13730	4	0.9999999
## 13731	4	0.9999999
## 13732	2	0.9999999
## 13733	3	0.9999999
## 13734	4	0.9999999
## 13735	3	0.9999999
## 13736	2	0.9999999
## 13737	2	0.9999999
## 13738	2	0.9999999
## 13739	2	0.9999998
## 13740	3	0.9999999
## 13741	4	0.9999999
## 13742	3	0.9999999
## 13743	3	0.9999999
## 13744	4	0.9999998
## 13745	2	0.9999999

## 13746	3	0.9999999
## 13747	3	0.9999999
## 13748	3	0.9999999
## 13749	2	0.9999999
## 13750	4	0.9999999
## 13751	3	0.9999999
## 13752	3	0.9999999
## 13753	3	0.9999999
## 13754	3	0.9999998
## 13755	2	0.9999998
## 13756	2	0.9999999
## 13757	1	0.9999999
## 13758	2	0.9999999
## 13759	2	0.9999999
## 13760	2	0.9999999
## 13761	3	0.9999999
## 13762	2	0.9999999
## 13763	3	0.9999999
## 13764	0	0.9999999
## 13765	2	0.9999999
## 13766	4	0.9999999
## 13767	3	0.9999999
## 13768	2	0.9999999
## 13769	2	0.9999999
## 13770	1	0.9999999
## 13771	4	0.9999999
## 13772	3	0.9999999
## 13773	3	0.9999999
## 13774	2	0.9999999
## 13775	2	0.9999999
## 13776	3	0.9999999
## 13777	4	0.9999999
## 13778	4	0.9999999
## 13779	3	0.9999999
## 13780	4	0.9999999
## 13781	2	0.9999999
## 13782	4	0.9999999
## 13783	2	0.9999999
## 13784	1	0.9999999
## 13785	4	0.9999999
## 13786	2	0.9999999
## 13787	2	0.9999999
## 13788	2	0.9999999
## 13789	2	0.9999999
## 13790	1	0.9999999
## 13791	3	0.9999999
## 13792	3	0.9999999
## 13793	2	0.9999999
## 13794	3	0.9999999
## 13795	3	0.9999999
## 13796	2	0.9999999
## 13797	1	0.9999999
## 13798	3	0.9999998
## 13799	1	0.9999999

## 13800	3	0.9999999
## 13801	2	0.9999999
## 13802	1	0.9999999
## 13803	2	0.9999999
## 13804	1	0.9999999
## 13805	4	0.9999999
## 13806	3	0.9999999
## 13807	4	0.9999999
## 13808	2	0.9999999
## 13809	4	0.9999999
## 13810	2	0.9999999
## 13811	4	0.9999999
## 13812	4	0.9999999
## 13813	2	0.9999999
## 13814	3	0.9999999
## 13815	2	0.9999999
## 13816	4	0.9999999
## 13817	3	0.9999998
## 13818	2	0.9999997
## 13819	2	0.9999999
## 13820	2	0.9999999
## 13821	4	0.9999999
## 13822	2	0.9999999
## 13823	2	0.9999999
## 13824	2	0.9999999
## 13825	3	0.9999999
## 13826	2	0.9999999
## 13827	2	0.9999999
## 13828	3	0.9999999
## 13829	2	0.9999999
## 13830	3	0.9999999
## 13831	4	0.9999999
## 13832	2	0.9999998
## 13833	2	0.9999999
## 13834	2	0.9999999
## 13835	3	0.9999999
## 13836	3	0.9999999
## 13837	2	0.9999999
## 13838	4	0.9999999
## 13839	3	0.9999998
## 13840	2	0.9999999
## 13841	2	0.9999999
## 13842	2	0.9999999
## 13843	3	0.9999999
## 13844	2	0.9999999
## 13845	1	0.9999999
## 13846	3	0.9999999
## 13847	4	0.9999999
## 13848	2	0.9999999
## 13849	3	0.9999999
## 13850	2	0.9999999
## 13851	4	0.9999999
## 13852	1	0.9999999
## 13853	2	0.9999999

## 13854	3	0.9999999
## 13855	4	0.9999999
## 13856	2	0.9999999
## 13857	2	0.9999999
## 13858	2	0.9999999
## 13859	4	0.9999999
## 13860	2	0.9999999
## 13861	3	0.9999999
## 13862	3	0.9999999
## 13863	1	0.9999999
## 13864	1	0.9999998
## 13865	4	0.9999999
## 13866	2	0.9999999
## 13867	4	0.9999999
## 13868	4	0.9999999
## 13869	4	0.9999999
## 13870	2	0.9999999
## 13871	2	0.9999999
## 13872	3	0.9999999
## 13873	1	0.9999999
## 13874	2	0.9999999
## 13875	0	0.9999999
## 13876	2	0.9999999
## 13877	3	0.9999999
## 13878	3	0.9999999
## 13879	2	0.9999999
## 13880	3	0.9999999
## 13881	2	0.9999999
## 13882	2	0.9999999
## 13883	1	0.9999999
## 13884	3	0.9999999
## 13885	1	0.9999999
## 13886	2	0.9999999
## 13887	4	0.9999999
## 13888	3	0.9999999
## 13889	4	0.9999998
## 13890	3	0.9999999
## 13891	2	0.9999999
## 13892	0	0.9999999
## 13893	1	0.9999999
## 13894	2	0.9999999
## 13895	2	0.9999999
## 13896	2	0.9999999
## 13897	2	0.9999999
## 13898	2	0.9999998
## 13899	4	0.9999999
## 13900	2	0.9999999
## 13901	4	0.9999999
## 13902	4	0.9999999
## 13903	1	0.9999999
## 13904	3	0.9999999
## 13905	1	0.9999999
## 13906	3	0.9999999
## 13907	4	0.9999999

## 13908	2	0.9999999
## 13909	4	0.9999999
## 13910	2	0.9999999
## 13911	4	0.9999999
## 13912	2	0.9999999
## 13913	1	0.9999999
## 13914	4	0.9999999
## 13915	2	0.9999999
## 13916	3	0.9999999
## 13917	2	0.9999999
## 13918	4	0.9999999
## 13919	3	0.9999999
## 13920	1	0.9999999
## 13921	2	0.9999999
## 13922	4	0.9999999
## 13923	2	0.9999999
## 13924	3	0.9999999
## 13925	1	0.9999999
## 13926	3	0.9999999
## 13927	3	0.9999999
## 13928	3	0.9999999
## 13929	2	0.9999999
## 13930	2	0.9999999
## 13931	3	0.9999999
## 13932	2	0.9999999
## 13933	2	0.9999998
## 13934	4	0.9999999
## 13935	2	0.9999999
## 13936	2	0.9999999
## 13937	2	0.9999999
## 13938	4	0.9999999
## 13939	4	0.9999999
## 13940	1	0.9999999
## 13941	3	0.9999999
## 13942	2	0.9999999
## 13943	2	0.9999999
## 13944	0	0.9999999
## 13945	2	0.9999999
## 13946	2	0.9999999
## 13947	0	0.9999999
## 13948	4	0.9999999
## 13949	2	0.9999999
## 13950	2	0.9999999
## 13951	3	0.9999999
## 13952	2	0.9999999
## 13953	3	0.9999999
## 13954	3	0.9999999
## 13955	3	0.9999999
## 13956	2	0.9999998
## 13957	4	0.9999999
## 13958	2	0.9999999
## 13959	3	0.9999999
## 13960	2	0.9999999
## 13961	0	0.9999999

## 13962	4	0.9999999
## 13963	3	0.9999999
## 13964	2	0.9999999
## 13965	3	0.9999999
## 13966	3	0.9999999
## 13967	4	0.9999999
## 13968	2	0.9999999
## 13969	3	0.9999999
## 13970	4	0.9999999
## 13971	4	0.9999999
## 13972	2	0.9999999
## 13973	4	0.9999999
## 13974	3	0.9999999
## 13975	1	0.9999999
## 13976	2	0.9999999
## 13977	2	0.9999999
## 13978	3	0.9999999
## 13979	4	0.9999999
## 13980	3	0.9999999
## 13981	1	0.9999999
## 13982	2	0.9999998
## 13983	2	0.9999999
## 13984	2	0.9999999
## 13985	2	0.9999999
## 13986	2	0.9999999
## 13987	3	0.9999999
## 13988	2	0.9999999
## 13989	3	0.9999999
## 13990	2	0.9999998
## 13991	2	0.9999999
## 13992	2	0.9999999
## 13993	3	0.9999999
## 13994	3	0.9999999
## 13995	2	0.9999999
## 13996	3	0.9999999
## 13997	4	0.9999999
## 13998	1	0.9999999
## 13999	3	0.9999999
## 14000	2	0.9999999
## 14001	2	0.9999999
## 14002	2	0.9999999
## 14003	2	0.9999999
## 14004	3	0.9999999
## 14005	3	0.9999999
## 14006	4	0.9999999
## 14007	4	0.9999999
## 14008	4	0.9999999
## 14009	1	0.9999999
## 14010	2	0.9999999
## 14011	3	0.9999999
## 14012	3	0.9999999
## 14013	3	0.9999999
## 14014	1	0.9999998
## 14015	3	0.9999999

## 14016	3	0.9999999
## 14017	2	0.9999999
## 14018	3	0.9999998
## 14019	2	0.9999999
## 14020	2	0.9999999
## 14021	2	0.9999998
## 14022	4	0.9999999
## 14023	2	0.9999999
## 14024	3	0.9999999
## 14025	2	0.9999999
## 14026	1	0.9999999
## 14027	3	0.9999999
## 14028	1	0.9999999
## 14029	2	0.9999999
## 14030	3	0.9999998
## 14031	2	0.9999999
## 14032	1	0.9999999
## 14033	3	0.9999999
## 14034	2	0.9999999
## 14035	3	0.9999999
## 14036	2	0.9999999
## 14037	4	0.9999999
## 14038	3	0.9999999
## 14039	2	0.9999999
## 14040	2	0.9999999
## 14041	0	0.9999999
## 14042	2	0.9999999
## 14043	2	0.9999999
## 14044	2	0.9999999
## 14045	2	0.9999999
## 14046	3	0.9999999
## 14047	4	0.9999999
## 14048	4	0.9999999
## 14049	3	0.9999999
## 14050	2	0.9999999
## 14051	2	0.9999999
## 14052	4	0.9999998
## 14053	3	0.9999999
## 14054	4	0.9999999
## 14055	3	0.9999999
## 14056	0	0.9999999
## 14057	4	0.9999999
## 14058	3	0.9999998
## 14059	3	0.9999999
## 14060	4	0.9999999
## 14061	3	0.9999999
## 14062	2	0.9999999
## 14063	3	0.9999999
## 14064	3	0.9999999
## 14065	4	0.9999999
## 14066	4	0.9999999
## 14067	4	0.9999998
## 14068	3	0.9999999
## 14069	3	0.9999999

## 14070	4	0.9999999
## 14071	1	0.9999999
## 14072	1	0.9999999
## 14073	3	0.9999999
## 14074	3	0.9999999
## 14075	4	0.9999999
## 14076	1	0.9999999
## 14077	3	0.9999999
## 14078	3	0.9999999
## 14079	3	0.9999999
## 14080	2	0.9999999
## 14081	4	0.9999999
## 14082	2	0.9999999
## 14083	2	0.9999999
## 14084	2	0.9999999
## 14085	3	0.9999998
## 14086	4	0.9999999
## 14087	2	0.9999999
## 14088	3	0.9999999
## 14089	3	0.9999999
## 14090	4	0.9999998
## 14091	4	0.9999999
## 14092	4	0.9999999
## 14093	3	0.9999999
## 14094	2	0.9999999
## 14095	3	0.9999999
## 14096	4	0.9999999
## 14097	3	0.9999999
## 14098	2	0.9999999
## 14099	2	0.9999999
## 14100	1	0.9999999
## 14101	4	0.9999999
## 14102	2	0.9999999
## 14103	3	0.9999998
## 14104	4	0.9999999
## 14105	2	0.9999999
## 14106	2	0.9999999
## 14107	4	0.9999999
## 14108	4	0.9999999
## 14109	2	0.9999999
## 14110	4	0.9999998
## 14111	4	0.9999999
## 14112	4	0.9999999
## 14113	2	0.9999998
## 14114	3	0.9999999
## 14115	2	0.9999999
## 14116	3	0.9999999
## 14117	2	0.9999999
## 14118	1	0.9999999
## 14119	4	0.9999999
## 14120	3	0.9999999
## 14121	2	0.9999999
## 14122	4	0.9999999
## 14123	2	0.9999999

## 14124	3	0.9999999
## 14125	2	0.9999999
## 14126	2	0.9999999
## 14127	1	0.9999999
## 14128	2	0.9999999
## 14129	2	0.9999999
## 14130	2	0.9999999
## 14131	4	0.9999999
## 14132	2	0.9999998
## 14133	2	0.9999999
## 14134	4	0.9999999
## 14135	3	0.9999999
## 14136	4	0.9999999
## 14137	0	0.9999999
## 14138	2	0.9999999
## 14139	4	0.9999999
## 14140	2	0.9999999
## 14141	2	0.9999998
## 14142	3	0.9999999
## 14143	2	0.9999999
## 14144	2	0.9999999
## 14145	2	0.9999999
## 14146	4	0.9999999
## 14147	2	0.9999999
## 14148	4	0.9999999
## 14149	4	0.9999999
## 14150	3	0.9999999
## 14151	3	0.9999999
## 14152	3	0.9999999
## 14153	4	0.9999999
## 14154	2	0.9999999
## 14155	2	0.9999999
## 14156	2	0.9999999
## 14157	2	0.9999999
## 14158	4	0.9999999
## 14159	4	0.9999999
## 14160	4	0.9999999
## 14161	3	0.9999999
## 14162	2	0.9999999
## 14163	1	0.9999999
## 14164	4	0.9999999
## 14165	3	0.9999999
## 14166	4	0.9999999
## 14167	2	0.9999999
## 14168	2	0.9999999
## 14169	3	0.9999999
## 14170	4	0.9999999
## 14171	2	0.9999998
## 14172	2	0.9999999
## 14173	3	0.9999999
## 14174	2	0.9999999
## 14175	0	0.9999999
## 14176	2	0.9999999
## 14177	1	0.9999999

## 14178	2	0.9999999
## 14179	2	0.9999999
## 14180	1	0.9999999
## 14181	4	0.9999999
## 14182	2	0.9999999
## 14183	2	0.9999999
## 14184	1	0.9999999
## 14185	3	0.9999999
## 14186	1	0.9999999
## 14187	2	0.9999999
## 14188	4	0.9999999
## 14189	4	0.9999999
## 14190	4	0.9999999
## 14191	2	0.9999999
## 14192	4	0.9999999
## 14193	4	0.9999998
## 14194	3	0.9999999
## 14195	3	0.9999999
## 14196	2	0.9999998
## 14197	3	0.9999999
## 14198	2	0.9999999
## 14199	2	0.9999999
## 14200	2	0.9999999
## 14201	2	0.9999999
## 14202	2	0.9999999
## 14203	1	0.9999999
## 14204	4	0.9999999
## 14205	1	0.9999999
## 14206	2	0.9999999
## 14207	0	0.9999999
## 14208	4	0.9999999
## 14209	3	0.9999999
## 14210	2	0.9999999
## 14211	3	0.9999999
## 14212	2	0.9999999
## 14213	3	0.9999999
## 14214	3	0.9999999
## 14215	4	0.9999999
## 14216	3	0.9999999
## 14217	2	0.9999999
## 14218	2	0.9999999
## 14219	3	0.9999999
## 14220	4	0.9999999
## 14221	4	0.9999999
## 14222	4	0.9999999
## 14223	4	0.9999999
## 14224	3	0.9999999
## 14225	2	0.9999999
## 14226	3	0.9999999
## 14227	4	0.9999998
## 14228	2	0.9999999
## 14229	2	0.9999999
## 14230	0	0.9999999
## 14231	2	0.9999999

## 14232	2	0.9999999
## 14233	4	0.9999999
## 14234	4	0.9999999
## 14235	3	0.9999999
## 14236	3	0.9999999
## 14237	3	0.9999999
## 14238	1	0.9999999
## 14239	4	0.9999999
## 14240	2	0.9999999
## 14241	4	0.9999998
## 14242	3	0.9999999
## 14243	2	0.9999999
## 14244	2	0.9999999
## 14245	2	0.9999999
## 14246	3	0.9999998
## 14247	0	0.9999999
## 14248	2	0.9999999
## 14249	3	0.9999998
## 14250	4	0.9999999
## 14251	2	0.9999999
## 14252	4	0.9999999
## 14253	1	0.9999999
## 14254	2	0.9999999
## 14255	2	0.9999999
## 14256	2	0.9999999
## 14257	2	0.9999999
## 14258	3	0.9999999
## 14259	2	0.9999999
## 14260	3	0.9999999
## 14261	1	0.9999999
## 14262	2	0.9999999
## 14263	3	0.9999999
## 14264	4	0.9999999
## 14265	4	0.9999999
## 14266	3	0.9999998
## 14267	2	0.9999999
## 14268	2	0.9999998
## 14269	2	0.9999999
## 14270	3	0.9999999
## 14271	3	0.9999999
## 14272	4	0.9999999
## 14273	3	0.9999999
## 14274	2	0.9999999
## 14275	4	0.9999999
## 14276	3	0.9999999
## 14277	4	0.9999999
## 14278	2	0.9999999
## 14279	1	0.9999999
## 14280	2	0.9999999
## 14281	3	0.9999999
## 14282	3	0.9999999
## 14283	2	0.9999999
## 14284	2	0.9999999
## 14285	4	0.9999999

## 14286	4	0.9999999
## 14287	2	0.9999999
## 14288	4	0.9999999
## 14289	4	0.9999999
## 14290	4	0.9999998
## 14291	3	0.9999999
## 14292	2	0.9999999
## 14293	4	0.9999999
## 14294	3	0.9999999
## 14295	2	0.9999999
## 14296	2	0.9999999
## 14297	4	0.9999999
## 14298	4	0.9999999
## 14299	3	0.9999999
## 14300	4	0.9999999
## 14301	2	0.9999999
## 14302	3	0.9999999
## 14303	2	0.9999999
## 14304	4	0.9999998
## 14305	1	0.9999999
## 14306	2	0.9999999
## 14307	4	0.9999999
## 14308	2	0.9999999
## 14309	1	0.9999998
## 14310	4	0.9999999
## 14311	4	0.9999999
## 14312	0	0.9999999
## 14313	4	0.9999998
## 14314	2	0.9999999
## 14315	0	0.9999999
## 14316	2	0.9999999
## 14317	2	0.9999999
## 14318	0	0.9999999
## 14319	2	0.9999999
## 14320	1	0.9999999
## 14321	3	0.9999999
## 14322	2	0.9999999
## 14323	2	0.9999999
## 14324	2	0.9999999
## 14325	3	0.9999999
## 14326	4	0.9999999
## 14327	4	0.9999999
## 14328	2	0.9999999
## 14329	4	0.9999999
## 14330	2	0.9999999
## 14331	2	0.9999999
## 14332	2	0.9999999
## 14333	3	0.9999999
## 14334	2	0.9999999
## 14335	4	0.9999999
## 14336	2	0.9999999
## 14337	2	0.9999999
## 14338	3	0.9999999
## 14339	3	0.9999999

## 14340	4	0.9999999
## 14341	2	0.9999999
## 14342	3	0.9999999
## 14343	0	0.9999999
## 14344	3	0.9999999
## 14345	3	0.9999999
## 14346	2	0.9999999
## 14347	1	0.9999999
## 14348	4	0.9999999
## 14349	3	0.9999999
## 14350	2	0.9999999
## 14351	2	0.9999999
## 14352	3	0.9999999
## 14353	2	0.9999999
## 14354	2	0.9999999
## 14355	3	0.9999999
## 14356	1	0.9999999
## 14357	2	0.9999999
## 14358	3	0.9999999
## 14359	4	0.9999999
## 14360	1	0.9999999
## 14361	4	0.9999999
## 14362	2	0.9999999
## 14363	2	0.9999999
## 14364	2	0.9999999
## 14365	3	0.9999999
## 14366	4	0.9999999
## 14367	3	0.9999998
## 14368	2	0.9999999
## 14369	1	0.9999998
## 14370	2	0.9999999
## 14371	3	0.9999999
## 14372	4	0.9999999
## 14373	2	0.9999999
## 14374	1	0.9999999
## 14375	2	0.9999999
## 14376	2	0.9999999
## 14377	2	0.9999999
## 14378	1	0.9999999
## 14379	2	0.9999999
## 14380	2	0.9999999
## 14381	4	0.9999999
## 14382	4	0.9999999
## 14383	3	0.9999999
## 14384	0	0.9999999
## 14385	2	0.9999999
## 14386	1	0.9999999
## 14387	2	0.9999999
## 14388	4	0.9999999
## 14389	3	0.9999999
## 14390	1	0.9999999
## 14391	3	0.9999999
## 14392	2	0.9999999
## 14393	2	0.9999999

## 14394	2	0.9999999
## 14395	2	0.9999999
## 14396	2	0.9999999
## 14397	2	0.9999999
## 14398	2	0.9999999
## 14399	3	0.9999999
## 14400	2	0.9999999
## 14401	3	0.9999999
## 14402	2	0.9999999
## 14403	2	0.9999999
## 14404	2	0.9999999
## 14405	2	0.9999999
## 14406	2	0.9999999
## 14407	1	0.9999999
## 14408	3	0.9999999
## 14409	4	0.9999999
## 14410	2	0.9999999
## 14411	2	0.9999999
## 14412	1	0.9999999
## 14413	3	0.9999999
## 14414	2	0.9999999
## 14415	0	0.9999999
## 14416	3	0.9999999
## 14417	3	0.9999999
## 14418	3	0.9999999
## 14419	3	0.9999999
## 14420	0	0.9999999
## 14421	4	0.9999998
## 14422	2	0.9999998
## 14423	2	0.9999999
## 14424	4	0.9999999
## 14425	4	0.9999999
## 14426	3	0.9999999
## 14427	2	0.9999999
## 14428	1	0.9999999
## 14429	3	0.9999999
## 14430	2	0.9999999
## 14431	4	0.9999999
## 14432	3	0.9999999
## 14433	3	0.9999999
## 14434	2	0.9999999
## 14435	2	0.9999999
## 14436	2	0.9999999
## 14437	2	0.9999999
## 14438	3	0.9999999
## 14439	2	0.9999999
## 14440	3	0.9999999
## 14441	2	0.9999998
## 14442	4	0.9999999
## 14443	4	0.9999999
## 14444	2	0.9999999
## 14445	3	0.9999999
## 14446	3	0.9999999
## 14447	1	0.9999999

## 14448	4	0.9999999
## 14449	2	0.9999999
## 14450	2	0.9999999
## 14451	4	0.9999999
## 14452	2	0.9999999
## 14453	2	0.9999999
## 14454	2	0.9999999
## 14455	2	0.9999999
## 14456	2	0.9999999
## 14457	1	0.9999999
## 14458	4	0.9999999
## 14459	3	0.9999999
## 14460	2	0.9999999
## 14461	2	0.9999999
## 14462	4	0.9999999
## 14463	2	0.9999999
## 14464	3	0.9999998
## 14465	3	0.9999999
## 14466	1	0.9999999
## 14467	3	0.9999999
## 14468	3	0.9999999
## 14469	4	0.9999999
## 14470	3	0.9999999
## 14471	2	0.9999999
## 14472	3	0.9999999
## 14473	2	0.9999999
## 14474	4	0.9999999
## 14475	0	0.9999999
## 14476	3	0.9999999
## 14477	4	0.9999999
## 14478	2	0.9999999
## 14479	2	0.9999999
## 14480	1	0.9999998
## 14481	1	0.9999999
## 14482	1	0.9999999
## 14483	2	0.9999998
## 14484	4	0.9999999
## 14485	3	0.9999999
## 14486	4	0.9999999
## 14487	2	0.9999999
## 14488	2	0.9999999
## 14489	2	0.9999999
## 14490	0	0.9999999
## 14491	4	0.9999999
## 14492	4	0.9999999
## 14493	1	0.9999999
## 14494	4	0.9999999
## 14495	2	0.9999999
## 14496	3	0.9999999
## 14497	3	0.9999999
## 14498	1	0.9999999
## 14499	2	0.9999999
## 14500	2	0.9999999
## 14501	3	0.9999999

## 14502	4	0.9999999
## 14503	1	0.9999999
## 14504	2	0.9999999
## 14505	3	0.9999999
## 14506	4	0.9999999
## 14507	2	0.9999999
## 14508	2	0.9999999
## 14509	2	0.9999999
## 14510	1	0.9999999
## 14511	3	0.9999999
## 14512	3	0.9999999
## 14513	0	0.9999999
## 14514	1	0.9999999
## 14515	4	0.9999999
## 14516	4	0.9999999
## 14517	1	0.9999999
## 14518	2	0.9999999
## 14519	3	0.9999999
## 14520	1	0.9999999
## 14521	4	0.9999999
## 14522	2	0.9999999
## 14523	3	0.9999999
## 14524	2	0.9999999
## 14525	2	0.9999999
## 14526	2	0.9999998
## 14527	3	0.9999998
## 14528	1	0.9999999
## 14529	2	0.9999999
## 14530	2	0.9999999
## 14531	2	0.9999999
## 14532	3	0.9999999
## 14533	2	0.9999999
## 14534	4	0.9999999
## 14535	4	0.9999999
## 14536	3	0.9999999
## 14537	4	0.9999999
## 14538	2	0.9999999
## 14539	2	0.9999999
## 14540	2	0.9999999
## 14541	4	0.9999998
## 14542	4	0.9999999
## 14543	2	0.9999999
## 14544	2	0.9999999
## 14545	2	0.9999999
## 14546	3	0.9999999
## 14547	2	0.9999999
## 14548	1	0.9999999
## 14549	2	0.9999999
## 14550	3	0.9999999
## 14551	4	0.9999999
## 14552	2	0.9999999
## 14553	3	0.9999999
## 14554	1	0.9999999
## 14555	2	0.9999999

## 14556	3	0.9999999
## 14557	0	0.9999999
## 14558	2	0.9999999
## 14559	4	0.9999999
## 14560	4	0.9999999
## 14561	3	0.9999999
## 14562	2	0.9999999
## 14563	2	0.9999999
## 14564	3	0.9999999
## 14565	3	0.9999999
## 14566	3	0.9999999
## 14567	0	0.9999999
## 14568	2	0.9999999
## 14569	4	0.9999999
## 14570	2	0.9999999
## 14571	4	0.9999999
## 14572	3	0.9999999
## 14573	3	0.9999999
## 14574	4	0.9999999
## 14575	2	0.9999999
## 14576	2	0.9999999
## 14577	2	0.9999999
## 14578	2	0.9999999
## 14579	2	0.9999999
## 14580	4	0.9999999
## 14581	4	0.9999999
## 14582	2	0.9999999
## 14583	2	0.9999999
## 14584	4	0.9999999
## 14585	1	0.9999999
## 14586	3	0.9999999
## 14587	2	0.9999999
## 14588	2	0.9999999
## 14589	4	0.9999999
## 14590	2	0.9999999
## 14591	3	0.9999999
## 14592	3	0.9999999
## 14593	0	0.9999999
## 14594	2	0.9999999
## 14595	2	0.9999999
## 14596	3	0.9999999
## 14597	3	0.9999999
## 14598	4	0.9999999
## 14599	2	0.9999999
## 14600	3	0.9999999
## 14601	4	0.9999999
## 14602	4	0.9999999
## 14603	2	0.9999999
## 14604	4	0.9999999
## 14605	3	0.9999999
## 14606	1	0.9999999
## 14607	2	0.9999999
## 14608	0	0.9999999
## 14609	3	0.9999998

## 14610	2	0.9999999
## 14611	4	0.9999999
## 14612	4	0.9999999
## 14613	3	0.9999999
## 14614	3	0.9999999
## 14615	1	0.9999999
## 14616	2	0.9999998
## 14617	3	0.9999999
## 14618	2	0.9999999
## 14619	2	0.9999999
## 14620	4	0.9999999
## 14621	4	0.9999999
## 14622	3	0.9999999
## 14623	2	0.9999999
## 14624	4	0.9999999
## 14625	4	0.9999999
## 14626	2	0.9999999
## 14627	2	0.9999999
## 14628	2	0.9999999
## 14629	2	0.9999999
## 14630	3	0.9999999
## 14631	4	0.9999999
## 14632	2	0.9999999
## 14633	3	0.9999999
## 14634	4	0.9999999
## 14635	0	0.9999999
## 14636	2	0.9999999
## 14637	0	0.9999999
## 14638	2	0.9999999
## 14639	2	0.9999999
## 14640	4	0.9999999
## 14641	2	0.9999999
## 14642	3	0.9999998
## 14643	4	0.9999999
## 14644	4	0.9999999
## 14645	2	0.9999999
## 14646	2	0.9999999
## 14647	3	0.9999999
## 14648	1	0.9999999
## 14649	1	0.9999999
## 14650	2	0.9999999
## 14651	4	0.9999999
## 14652	2	0.9999999
## 14653	1	0.9999999
## 14654	2	0.9999999
## 14655	2	0.9999999
## 14656	4	0.9999999
## 14657	1	0.9999999
## 14658	3	0.9999998
## 14659	3	0.9999999
## 14660	4	0.9999999
## 14661	1	0.9999999
## 14662	2	0.9999999
## 14663	3	0.9999999

## 14664	2	0.9999999
## 14665	2	0.9999999
## 14666	2	0.9999999
## 14667	2	0.9999999
## 14668	2	0.9999999
## 14669	2	0.9999999
## 14670	4	0.9999999
## 14671	3	0.9999999
## 14672	2	0.9999999
## 14673	2	0.9999999
## 14674	1	0.9999999
## 14675	3	0.9999999
## 14676	4	0.9999999
## 14677	1	0.9999999
## 14678	2	0.9999999
## 14679	3	0.9999999
## 14680	4	0.9999999
## 14681	3	0.9999999
## 14682	4	0.9999999
## 14683	3	0.9999999
## 14684	3	0.9999999
## 14685	3	0.9999999
## 14686	3	0.9999999
## 14687	2	0.9999999
## 14688	2	0.9999999
## 14689	2	0.9999999
## 14690	2	0.9999999
## 14691	2	0.9999999
## 14692	2	0.9999999
## 14693	2	0.9999999
## 14694	1	0.9999999
## 14695	4	0.9999999
## 14696	2	0.9999998
## 14697	2	0.9999999
## 14698	2	0.9999998
## 14699	2	0.9999999
## 14700	3	0.9999998
## 14701	2	0.9999999
## 14702	2	0.9999999
## 14703	4	0.9999999
## 14704	2	0.9999999
## 14705	1	0.9999999
## 14706	3	0.9999999
## 14707	4	0.9999999
## 14708	2	0.9999999
## 14709	2	0.9999999
## 14710	2	0.9999999
## 14711	2	0.9999999
## 14712	2	0.9999999
## 14713	2	0.9999999
## 14714	2	0.9999999
## 14715	2	0.9999999
## 14716	2	0.9999998
## 14717	4	0.9999999

## 14718	4	0.9999999
## 14719	3	0.9999999
## 14720	3	0.9999999
## 14721	3	0.9999999
## 14722	2	0.9999999
## 14723	2	0.9999999
## 14724	0	0.9999999
## 14725	2	0.9999999
## 14726	4	0.9999999
## 14727	1	0.9999999
## 14728	4	0.9999999
## 14729	2	0.9999998
## 14730	2	0.9999999
## 14731	4	0.9999998
## 14732	3	0.9999999
## 14733	2	0.9999999
## 14734	0	0.9999999
## 14735	2	0.9999999
## 14736	3	0.9999999
## 14737	2	0.9999999
## 14738	2	0.9999999
## 14739	4	0.9999999
## 14740	4	0.9999999
## 14741	2	0.9999999
## 14742	3	0.9999999
## 14743	3	0.9999999
## 14744	2	0.9999999
## 14745	3	0.9999999
## 14746	2	0.9999999
## 14747	4	0.9999999
## 14748	4	0.9999999
## 14749	1	0.9999999
## 14750	2	0.9999999
## 14751	2	0.9999999
## 14752	3	0.9999999
## 14753	2	0.9999999
## 14754	2	0.9999999
## 14755	4	0.9999999
## 14756	3	0.9999999
## 14757	1	0.9999999
## 14758	2	0.9999998
## 14759	2	0.9999999
## 14760	2	0.9999999
## 14761	2	0.9999999
## 14762	2	0.9999999
## 14763	3	0.9999999
## 14764	0	0.9999999
## 14765	4	0.9999999
## 14766	1	0.9999999
## 14767	1	0.9999999
## 14768	3	0.9999999
## 14769	0	0.9999999
## 14770	3	0.9999999
## 14771	3	0.9999999

## 14772	4	0.9999999
## 14773	2	0.9999999
## 14774	3	0.9999999
## 14775	4	0.9999998
## 14776	4	0.9999999
## 14777	2	0.9999999
## 14778	4	0.9999999
## 14779	2	0.9999999
## 14780	4	0.9999999
## 14781	3	0.9999999
## 14782	4	0.9999999
## 14783	3	0.9999999
## 14784	2	0.9999999
## 14785	2	0.9999999
## 14786	3	0.9999998
## 14787	3	0.9999998
## 14788	4	0.9999999
## 14789	4	0.9999999
## 14790	2	0.9999999
## 14791	3	0.9999999
## 14792	4	0.9999999
## 14793	2	0.9999999
## 14794	2	0.9999999
## 14795	4	0.9999999
## 14796	3	0.9999998
## 14797	3	0.9999999
## 14798	4	0.9999999
## 14799	2	0.9999999
## 14800	3	0.9999999
## 14801	3	0.9999999
## 14802	3	0.9999999
## 14803	2	0.9999999
## 14804	4	0.9999999
## 14805	2	0.9999999
## 14806	3	0.9999999
## 14807	3	0.9999999
## 14808	3	0.9999999
## 14809	2	0.9999999
## 14810	2	0.9999999
## 14811	0	0.9999999
## 14812	3	0.9999999
## 14813	3	0.9999999
## 14814	2	0.9999999
## 14815	3	0.9999999
## 14816	4	0.9999998
## 14817	4	0.9999999
## 14818	2	0.9999999
## 14819	3	0.9999999
## 14820	0	0.9999999
## 14821	3	0.9999999
## 14822	3	0.9999999
## 14823	3	0.9999999
## 14824	2	0.9999999
## 14825	3	0.9999999

## 14826	2	0.9999999
## 14827	1	0.9999999
## 14828	2	0.9999998
## 14829	2	0.9999999
## 14830	4	0.9999999
## 14831	2	0.9999999
## 14832	4	0.9999999
## 14833	2	0.9999999
## 14834	1	0.9999999
## 14835	2	0.9999999
## 14836	3	0.9999999
## 14837	2	0.9999999
## 14838	4	0.9999999
## 14839	4	0.9999999
## 14840	3	0.9999999
## 14841	2	0.9999999
## 14842	2	0.9999999
## 14843	4	0.9999998
## 14844	4	0.9999999
## 14845	2	0.9999999
## 14846	0	0.9999999
## 14847	3	0.9999999
## 14848	2	0.9999999
## 14849	2	0.9999999
## 14850	2	0.9999999
## 14851	2	0.9999999
## 14852	4	0.9999999
## 14853	3	0.9999999
## 14854	2	0.9999999
## 14855	4	0.9999999
## 14856	2	0.9999999
## 14857	3	0.9999999
## 14858	2	0.9999999
## 14859	2	0.9999999
## 14860	0	0.9999999
## 14861	0	0.9999999
## 14862	3	0.9999999
## 14863	3	0.9999999
## 14864	3	0.9999999
## 14865	2	0.9999999
## 14866	1	0.9999999
## 14867	2	0.9999999
## 14868	4	0.9999999
## 14869	3	0.9999999
## 14870	2	0.9999999
## 14871	3	0.9999999
## 14872	4	0.9999999
## 14873	2	0.9999999
## 14874	2	0.9999999
## 14875	0	0.9999999
## 14876	2	0.9999999
## 14877	2	0.9999999
## 14878	3	0.9999999
## 14879	2	0.9999999

## 14880	3	0.9999998
## 14881	4	0.9999998
## 14882	2	0.9999999
## 14883	2	0.9999999
## 14884	2	0.9999999
## 14885	3	0.9999999
## 14886	1	0.9999999
## 14887	2	0.9999999
## 14888	2	0.9999999
## 14889	3	0.9999999
## 14890	4	0.9999999
## 14891	2	0.9999999
## 14892	2	0.9999999
## 14893	4	0.9999999
## 14894	2	0.9999999
## 14895	4	0.9999999
## 14896	3	0.9999999
## 14897	3	0.9999999
## 14898	2	0.9999999
## 14899	2	0.9999999
## 14900	2	0.9999999
## 14901	3	0.9999999
## 14902	2	0.9999999
## 14903	3	0.9999999
## 14904	4	0.9999999
## 14905	2	0.9999999
## 14906	1	0.9999999
## 14907	1	0.9999999
## 14908	3	0.9999999
## 14909	3	0.9999999
## 14910	3	0.9999999
## 14911	1	0.9999999
## 14912	2	0.9999999
## 14913	2	0.9999999
## 14914	2	0.9999999
## 14915	3	0.9999999
## 14916	3	0.9999999
## 14917	1	0.9999999
## 14918	3	0.9999999
## 14919	3	0.9999999
## 14920	2	0.9999999
## 14921	4	0.9999999
## 14922	2	0.9999999
## 14923	2	0.9999999
## 14924	0	0.9999999
## 14925	2	0.9999999
## 14926	4	0.9999999
## 14927	0	0.9999999
## 14928	2	0.9999999
## 14929	1	0.9999999
## 14930	2	0.9999999
## 14931	1	0.9999999
## 14932	2	0.9999999
## 14933	3	0.9999999

## 14934	2	0.9999999
## 14935	2	0.9999999
## 14936	3	0.9999998
## 14937	2	0.9999999
## 14938	3	0.9999999
## 14939	3	0.9999999
## 14940	2	0.9999999
## 14941	3	0.9999999
## 14942	3	0.9999999
## 14943	4	0.9999999
## 14944	3	0.9999998
## 14945	2	0.9999999
## 14946	2	0.9999999
## 14947	1	0.9999999
## 14948	3	0.9999999
## 14949	2	0.9999999
## 14950	2	0.9999999
## 14951	4	0.9999999
## 14952	1	0.9999999
## 14953	2	0.9999999
## 14954	2	0.9999999
## 14955	4	0.9999999
## 14956	2	0.9999999
## 14957	2	0.9999999
## 14958	3	0.9999999
## 14959	0	0.9999999
## 14960	2	0.9999999
## 14961	4	0.9999999
## 14962	3	0.9999999
## 14963	3	0.9999999
## 14964	3	0.9999999
## 14965	2	0.9999999
## 14966	2	0.9999999
## 14967	2	0.9999999
## 14968	3	0.9999998
## 14969	2	0.9999999
## 14970	0	0.9999999
## 14971	2	0.9999999
## 14972	2	0.9999999
## 14973	4	0.9999999
## 14974	2	0.9999999
## 14975	3	0.9999999
## 14976	4	0.9999999
## 14977	3	0.9999999
## 14978	1	0.9999999
## 14979	2	0.9999999
## 14980	3	0.9999999
## 14981	3	0.9999999
## 14982	3	0.9999999
## 14983	4	0.9999999
## 14984	2	0.9999999
## 14985	3	0.9999999
## 14986	4	0.9999999
## 14987	4	0.9999999

## 14988	2	0.9999999
## 14989	3	0.9999999
## 14990	3	0.9999999
## 14991	2	0.9999999
## 14992	3	0.9999999
## 14993	3	0.9999999
## 14994	4	0.9999999
## 14995	4	0.9999999
## 14996	2	0.9999999
## 14997	2	0.9999999
## 14998	2	0.9999999
## 14999	2	0.9999998
## 15000	2	0.9999999
## 15001	1	0.9999999
## 15002	2	0.9999999
## 15003	3	0.9999999
## 15004	1	0.9999999
## 15005	2	0.9999999
## 15006	3	0.9999999
## 15007	1	0.9999999
## 15008	2	0.9999999
## 15009	1	0.9999999
## 15010	2	0.9999999
## 15011	2	0.9999999
## 15012	3	0.9999999
## 15013	4	0.9999999
## 15014	4	0.9999999
## 15015	3	0.9999999
## 15016	1	0.9999999
## 15017	2	0.9999999
## 15018	2	0.9999999
## 15019	3	0.9999999
## 15020	2	0.9999999
## 15021	2	0.9999999
## 15022	1	0.9999999
## 15023	3	0.9999999
## 15024	3	0.9999999
## 15025	2	0.9999999
## 15026	2	0.9999999
## 15027	2	0.9999999
## 15028	3	0.9999999
## 15029	3	0.9999999
## 15030	1	0.9999999
## 15031	4	0.9999999
## 15032	3	0.9999999
## 15033	2	0.9999999
## 15034	2	0.9999999
## 15035	2	0.9999998
## 15036	2	0.9999999
## 15037	3	0.9999999
## 15038	2	0.9999998
## 15039	4	0.9999999
## 15040	2	0.9999999
## 15041	2	0.9999998

## 15042	3	0.9999999
## 15043	4	0.9999999
## 15044	3	0.9999999
## 15045	2	0.9999999
## 15046	3	0.9999999
## 15047	0	0.9999998
## 15048	2	0.9999999
## 15049	2	0.9999999
## 15050	3	0.9999999
## 15051	4	0.9999999
## 15052	3	0.9999999
## 15053	2	0.9999999
## 15054	4	0.9999999
## 15055	3	0.9999999
## 15056	2	0.9999999
## 15057	4	0.9999999
## 15058	4	0.9999999
## 15059	2	0.9999999
## 15060	3	0.9999999
## 15061	2	0.9999999
## 15062	3	0.9999999
## 15063	3	0.9999999
## 15064	3	0.9999999
## 15065	3	0.9999999
## 15066	1	0.9999999
## 15067	2	0.9999999
## 15068	2	0.9999999
## 15069	3	0.9999999
## 15070	3	0.9999999
## 15071	4	0.9999999
## 15072	2	0.9999999
## 15073	2	0.9999999
## 15074	4	0.9999999
## 15075	4	0.9999999
## 15076	3	0.9999999
## 15077	2	0.9999999
## 15078	3	0.9999999
## 15079	3	0.9999999
## 15080	2	0.9999999
## 15081	1	0.9999999
## 15082	3	0.9999999
## 15083	4	0.9999999
## 15084	3	0.9999999
## 15085	4	0.9999999
## 15086	4	0.9999999
## 15087	2	0.9999999
## 15088	2	0.9999999
## 15089	1	0.9999999
## 15090	4	0.9999999
## 15091	3	0.9999999
## 15092	3	0.9999999
## 15093	2	0.9999999
## 15094	4	0.9999999
## 15095	2	0.9999999

## 15096	3	0.9999999
## 15097	2	0.9999999
## 15098	3	0.9999999
## 15099	1	0.9999999
## 15100	4	0.9999999
## 15101	2	0.9999999
## 15102	2	0.9999999
## 15103	2	0.9999999
## 15104	3	0.9999999
## 15105	2	0.9999999
## 15106	3	0.9999999
## 15107	2	0.9999999
## 15108	3	0.9999999
## 15109	2	0.9999999
## 15110	4	0.9999999
## 15111	2	0.9999999
## 15112	3	0.9999999
## 15113	2	0.9999999
## 15114	3	0.9999999
## 15115	2	0.9999998
## 15116	2	0.9999999
## 15117	4	0.9999999
## 15118	2	0.9999999
## 15119	2	0.9999999
## 15120	2	0.9999999
## 15121	3	0.9999999
## 15122	2	0.9999999
## 15123	3	0.9999999
## 15124	3	0.9999999
## 15125	2	0.9999999
## 15126	2	0.9999999
## 15127	2	0.9999999
## 15128	3	0.9999999
## 15129	2	0.9999999
## 15130	3	0.9999999
## 15131	2	0.9999999
## 15132	2	0.9999999
## 15133	2	0.9999999
## 15134	4	0.9999999
## 15135	3	0.9999999
## 15136	3	0.9999999
## 15137	3	0.9999999
## 15138	2	0.9999999
## 15139	4	0.9999999
## 15140	2	0.9999999
## 15141	1	0.9999999
## 15142	2	0.9999999
## 15143	4	0.9999999
## 15144	4	0.9999999
## 15145	4	0.9999999
## 15146	2	0.9999999
## 15147	4	0.9999999
## 15148	3	0.9999999
## 15149	4	0.9999999

## 15150	2	0.9999999
## 15151	1	0.9999999
## 15152	3	0.9999999
## 15153	2	0.9999999
## 15154	3	0.9999999
## 15155	1	0.9999999
## 15156	3	0.9999999
## 15157	3	0.9999999
## 15158	2	0.9999999
## 15159	2	0.9999999
## 15160	1	0.9999998
## 15161	2	0.9999999
## 15162	3	0.9999999
## 15163	2	0.9999999
## 15164	2	0.9999999
## 15165	4	0.9999999
## 15166	2	0.9999999
## 15167	2	0.9999999
## 15168	4	0.9999999
## 15169	0	0.9999999
## 15170	2	0.9999999
## 15171	3	0.9999999
## 15172	0	0.9999999
## 15173	2	0.9999999
## 15174	3	0.9999999
## 15175	2	0.9999999
## 15176	2	0.9999999
## 15177	3	0.9999999
## 15178	2	0.9999999
## 15179	2	0.9999999
## 15180	2	0.9999999
## 15181	3	0.9999999
## 15182	2	0.9999999
## 15183	3	0.9999999
## 15184	4	0.9999999
## 15185	1	0.9999999
## 15186	4	0.9999998
## 15187	3	0.9999999
## 15188	2	0.9999999
## 15189	2	0.9999999
## 15190	4	0.9999999
## 15191	2	0.9999999
## 15192	4	0.9999999
## 15193	2	0.9999999
## 15194	3	0.9999999
## 15195	3	0.9999999
## 15196	1	0.9999999
## 15197	1	0.9999999
## 15198	2	0.9999999
## 15199	4	0.9999999
## 15200	3	0.9999999
## 15201	3	0.9999999
## 15202	3	0.9999999
## 15203	2	0.9999999

## 15204	2	0.9999999
## 15205	2	0.9999999
## 15206	4	0.9999999
## 15207	1	0.9999998
## 15208	4	0.9999999
## 15209	2	0.9999999
## 15210	2	0.9999999
## 15211	4	0.9999999
## 15212	3	0.9999999
## 15213	1	0.9999998
## 15214	4	0.9999999
## 15215	3	0.9999999
## 15216	2	0.9999999
## 15217	3	0.9999999
## 15218	4	0.9999999
## 15219	4	0.9999999
## 15220	1	0.9999999
## 15221	2	0.9999999
## 15222	4	0.9999998
## 15223	3	0.9999999
## 15224	4	0.9999999
## 15225	3	0.9999998
## 15226	2	0.9999999
## 15227	2	0.9999999
## 15228	4	0.9999999
## 15229	4	0.9999999
## 15230	2	0.9999999
## 15231	3	0.9999999
## 15232	4	0.9999999
## 15233	2	0.9999999
## 15234	3	0.9999999
## 15235	3	0.9999999
## 15236	3	0.9999999
## 15237	4	0.9999999
## 15238	1	0.9999999
## 15239	2	0.9999999
## 15240	2	0.9999999
## 15241	2	0.9999999
## 15242	3	0.9999999
## 15243	2	0.9999999
## 15244	4	0.9999999
## 15245	3	0.9999999
## 15246	2	0.9999999
## 15247	3	0.9999999
## 15248	1	0.9999999
## 15249	4	0.9999999
## 15250	4	0.9999999
## 15251	2	0.9999999
## 15252	1	0.9999999
## 15253	4	0.9999999
## 15254	4	0.9999999
## 15255	4	0.9999999
## 15256	4	0.9999999
## 15257	2	0.9999999

## 15258	4	0.9999999
## 15259	4	0.9999999
## 15260	2	0.9999999
## 15261	2	0.9999999
## 15262	2	0.9999999
## 15263	2	0.9999999
## 15264	1	0.9999999
## 15265	3	0.9999999
## 15266	2	0.9999999
## 15267	4	0.9999999
## 15268	3	0.9999999
## 15269	1	0.9999999
## 15270	2	0.9999999
## 15271	4	0.9999999
## 15272	2	0.9999999
## 15273	2	0.9999999
## 15274	4	0.9999999
## 15275	3	0.9999999
## 15276	3	0.9999998
## 15277	2	0.9999999
## 15278	1	0.9999998
## 15279	4	0.9999999
## 15280	4	0.9999999
## 15281	2	0.9999999
## 15282	4	0.9999999
## 15283	3	0.9999999
## 15284	2	0.9999999
## 15285	1	0.9999999
## 15286	3	0.9999999
## 15287	2	0.9999999
## 15288	2	0.9999998
## 15289	4	0.9999999
## 15290	4	0.9999999
## 15291	1	0.9999999
## 15292	0	0.9999999
## 15293	2	0.9999999
## 15294	3	0.9999999
## 15295	4	0.9999998
## 15296	2	0.9999999
## 15297	4	0.9999999
## 15298	2	0.9999999
## 15299	3	0.9999999
## 15300	4	0.9999999
## 15301	4	0.9999999
## 15302	3	0.9999999
## 15303	3	0.9999999
## 15304	3	0.9999999
## 15305	4	0.9999999
## 15306	4	0.9999999
## 15307	2	0.9999998
## 15308	4	0.9999999
## 15309	2	0.9999999
## 15310	1	0.9999999
## 15311	2	0.9999999

## 15312	2	0.9999999
## 15313	4	0.9999999
## 15314	2	0.9999999
## 15315	3	0.9999999
## 15316	2	0.9999999
## 15317	3	0.9999999
## 15318	1	0.9999999
## 15319	2	0.9999999
## 15320	3	0.9999999
## 15321	0	0.9999999
## 15322	1	0.9999999
## 15323	4	0.9999999
## 15324	3	0.9999999
## 15325	3	0.9999999
## 15326	3	0.9999999
## 15327	3	0.9999999
## 15328	1	0.9999999
## 15329	1	0.9999999
## 15330	2	0.9999999
## 15331	3	0.9999999
## 15332	2	0.9999999
## 15333	2	0.9999999
## 15334	2	0.9999999
## 15335	3	0.9999999
## 15336	2	0.9999999
## 15337	2	0.9999999
## 15338	4	0.9999999
## 15339	2	0.9999999
## 15340	0	0.9999999
## 15341	3	0.9999999
## 15342	3	0.9999999
## 15343	4	0.9999999
## 15344	4	0.9999999
## 15345	2	0.9999999
## 15346	2	0.9999999
## 15347	3	0.9999999
## 15348	2	0.9999999
## 15349	3	0.9999999
## 15350	0	0.9999999
## 15351	3	0.9999999
## 15352	2	0.9999999
## 15353	3	0.9999998
## 15354	2	0.9999999
## 15355	2	0.9999999
## 15356	4	0.9999999
## 15357	1	0.9999999
## 15358	4	0.9999999
## 15359	4	0.9999999
## 15360	4	0.9999999
## 15361	3	0.9999999
## 15362	4	0.9999999
## 15363	2	0.9999999
## 15364	0	0.9999999
## 15365	2	0.9999999

## 15366	3	0.9999999
## 15367	2	0.9999999
## 15368	3	0.9999999
## 15369	2	0.9999999
## 15370	3	0.9999999
## 15371	1	0.9999999
## 15372	2	0.9999999
## 15373	2	0.9999999
## 15374	4	0.9999999
## 15375	4	0.9999999
## 15376	2	0.9999999
## 15377	2	0.9999999
## 15378	4	0.9999999
## 15379	2	0.9999999
## 15380	3	0.9999999
## 15381	4	0.9999998
## 15382	3	0.9999999
## 15383	2	0.9999999
## 15384	2	0.9999999
## 15385	0	0.9999999
## 15386	2	0.9999999
## 15387	2	0.9999999
## 15388	4	0.9999999
## 15389	2	0.9999999
## 15390	3	0.9999999
## 15391	4	0.9999999
## 15392	1	0.9999999
## 15393	1	0.9999999
## 15394	4	0.9999999
## 15395	2	0.9999999
## 15396	2	0.9999999
## 15397	1	0.9999999
## 15398	2	0.9999999
## 15399	3	0.9999999
## 15400	4	0.9999999
## 15401	1	0.9999999
## 15402	2	0.9999999
## 15403	4	0.9999998
## 15404	3	0.9999998
## 15405	1	0.9999999
## 15406	4	0.9999999
## 15407	0	0.9999999
## 15408	2	0.9999999
## 15409	2	0.9999999
## 15410	2	0.9999999
## 15411	2	0.9999999
## 15412	4	0.9999998
## 15413	3	0.9999999
## 15414	4	0.9999999
## 15415	2	0.9999999
## 15416	2	0.9999999
## 15417	0	0.9999999
## 15418	0	0.9999999
## 15419	2	0.9999999

## 15420	2	0.9999999
## 15421	2	0.9999999
## 15422	3	0.9999999
## 15423	2	0.9999999
## 15424	4	0.9999999
## 15425	2	0.9999999
## 15426	4	0.9999999
## 15427	0	0.9999999
## 15428	4	0.9999999
## 15429	2	0.9999999
## 15430	3	0.9999999
## 15431	3	0.9999999
## 15432	2	0.9999999
## 15433	2	0.9999999
## 15434	2	0.9999999
## 15435	3	0.9999999
## 15436	0	0.9999999
## 15437	1	0.9999999
## 15438	3	0.9999999
## 15439	3	0.9999999
## 15440	4	0.9999999
## 15441	2	0.9999999
## 15442	2	0.9999999
## 15443	4	0.9999999
## 15444	3	0.9999999
## 15445	2	0.9999999
## 15446	2	0.9999999
## 15447	4	0.9999999
## 15448	2	0.9999999
## 15449	3	0.9999999
## 15450	4	0.9999999
## 15451	2	0.9999999
## 15452	3	0.9999999
## 15453	2	0.9999999
## 15454	2	0.9999999
## 15455	3	0.9999999
## 15456	1	0.9999999
## 15457	1	0.9999999
## 15458	2	0.9999999
## 15459	4	0.9999999
## 15460	4	0.9999999
## 15461	3	0.9999999
## 15462	4	0.9999998
## 15463	3	0.9999999
## 15464	3	0.9999999
## 15465	2	0.9999999
## 15466	4	0.9999999
## 15467	4	0.9999999
## 15468	3	0.9999999
## 15469	4	0.9999999
## 15470	2	0.9999999
## 15471	1	0.9999999
## 15472	3	0.9999999
## 15473	4	0.9999999

## 15474	2	0.9999999
## 15475	2	0.9999999
## 15476	2	0.9999999
## 15477	0	0.9999999
## 15478	4	0.9999999
## 15479	3	0.9999999
## 15480	4	0.9999999
## 15481	2	0.9999999
## 15482	1	0.9999999
## 15483	2	0.9999999
## 15484	1	0.9999999
## 15485	3	0.9999999
## 15486	2	0.9999999
## 15487	1	0.9999999
## 15488	2	0.9999999
## 15489	2	0.9999999
## 15490	4	0.9999999
## 15491	4	0.9999999
## 15492	2	0.9999999
## 15493	3	0.9999998
## 15494	1	0.9999999
## 15495	2	0.9999999
## 15496	0	0.9999999
## 15497	3	0.9999999
## 15498	2	0.9999998
## 15499	4	0.9999999
## 15500	2	0.9999998
## 15501	3	0.9999999
## 15502	2	0.9999999
## 15503	4	0.9999999
## 15504	1	0.9999999
## 15505	3	0.9999999
## 15506	3	0.9999999
## 15507	1	0.9999998
## 15508	4	0.9999999
## 15509	4	0.9999999
## 15510	2	0.9999999
## 15511	4	0.9999999
## 15512	1	0.9999999
## 15513	3	0.9999999
## 15514	2	0.9999999
## 15515	2	0.9999999
## 15516	3	0.9999999
## 15517	3	0.9999999
## 15518	2	0.9999999
## 15519	2	0.9999999
## 15520	3	0.9999999
## 15521	3	0.9999999
## 15522	3	0.9999999
## 15523	2	0.9999999
## 15524	1	0.9999999
## 15525	3	0.9999999
## 15526	0	0.9999999
## 15527	2	0.9999999

## 15528	4	0.9999999
## 15529	3	0.9999999
## 15530	2	0.9999999
## 15531	2	0.9999999
## 15532	2	0.9999999
## 15533	1	0.9999999
## 15534	0	0.9999999
## 15535	4	0.9999999
## 15536	2	0.9999999
## 15537	1	0.9999999
## 15538	2	0.9999999
## 15539	2	0.9999999
## 15540	1	0.9999999
## 15541	2	0.9999999
## 15542	3	0.9999999
## 15543	1	0.9999999
## 15544	2	0.9999999
## 15545	2	0.9999999
## 15546	3	0.9999999
## 15547	2	0.9999999
## 15548	2	0.9999999
## 15549	2	0.9999999
## 15550	2	0.9999999
## 15551	2	0.9999999
## 15552	0	0.9999999
## 15553	3	0.9999999
## 15554	2	0.9999999
## 15555	2	0.9999999
## 15556	2	0.9999999
## 15557	4	0.9999999
## 15558	3	0.9999999
## 15559	2	0.9999999
## 15560	4	0.9999999
## 15561	2	0.9999999
## 15562	2	0.9999999
## 15563	0	0.9999999
## 15564	4	0.9999999
## 15565	1	0.9999999
## 15566	3	0.9999999
## 15567	4	0.9999999
## 15568	3	0.9999999
## 15569	2	0.9999999
## 15570	4	0.9999999
## 15571	3	0.9999999
## 15572	4	0.9999999
## 15573	1	0.9999999
## 15574	2	0.9999999
## 15575	2	0.9999999
## 15576	2	0.9999999
## 15577	4	0.9999999
## 15578	2	0.9999998
## 15579	3	0.9999999
## 15580	4	0.9999999
## 15581	2	0.9999999

## 15582	2	0.9999999
## 15583	2	0.9999999
## 15584	2	0.9999999
## 15585	3	0.9999999
## 15586	3	0.9999999
## 15587	2	0.9999999
## 15588	3	0.9999999
## 15589	4	0.9999999
## 15590	4	0.9999999
## 15591	1	0.9999999
## 15592	3	0.9999998
## 15593	4	0.9999999
## 15594	2	0.9999999
## 15595	2	0.9999999
## 15596	2	0.9999999
## 15597	2	0.9999999
## 15598	2	0.9999999
## 15599	3	0.9999998
## 15600	0	0.9999999
## 15601	2	0.9999999
## 15602	2	0.9999999
## 15603	3	0.9999999
## 15604	3	0.9999998
## 15605	3	0.9999999
## 15606	3	0.9999999
## 15607	2	0.9999999
## 15608	2	0.9999999
## 15609	2	0.9999999
## 15610	3	0.9999999
## 15611	2	0.9999999
## 15612	3	0.9999999
## 15613	2	0.9999999
## 15614	3	0.9999999
## 15615	2	0.9999999
## 15616	2	0.9999999
## 15617	3	0.9999998
## 15618	0	0.9999999
## 15619	2	0.9999999
## 15620	3	0.9999999
## 15621	3	0.9999999
## 15622	3	0.9999999
## 15623	2	0.9999999
## 15624	4	0.9999999
## 15625	3	0.9999999
## 15626	1	0.9999999
## 15627	2	0.9999999
## 15628	3	0.9999999
## 15629	2	0.9999999
## 15630	1	0.9999999
## 15631	3	0.9999999
## 15632	4	0.9999999
## 15633	4	0.9999998
## 15634	3	0.9999999
## 15635	4	0.9999999

## 15636	2	0.9999999
## 15637	2	0.9999999
## 15638	4	0.9999999
## 15639	2	0.9999999
## 15640	4	0.9999999
## 15641	2	0.9999999
## 15642	2	0.9999999
## 15643	4	0.9999999
## 15644	4	0.9999999
## 15645	3	0.9999999
## 15646	1	0.9999999
## 15647	2	0.9999999
## 15648	2	0.9999999
## 15649	4	0.9999999
## 15650	4	0.9999999
## 15651	2	0.9999999
## 15652	2	0.9999999
## 15653	3	0.9999999
## 15654	3	0.9999999
## 15655	4	0.9999999
## 15656	3	0.9999999
## 15657	2	0.9999999
## 15658	3	0.9999999
## 15659	2	0.9999999
## 15660	2	0.9999998
## 15661	1	0.9999999
## 15662	2	0.9999999
## 15663	0	0.9999999
## 15664	2	0.9999999
## 15665	4	0.9999999
## 15666	2	0.9999999
## 15667	3	0.9999998
## 15668	0	0.9999999
## 15669	3	0.9999999
## 15670	4	0.9999999
## 15671	4	0.9999999
## 15672	4	0.9999999
## 15673	4	0.9999999
## 15674	2	0.9999999
## 15675	3	0.9999999
## 15676	2	0.9999998
## 15677	2	0.9999999
## 15678	2	0.9999999
## 15679	3	0.9999999
## 15680	3	0.9999999
## 15681	4	0.9999999
## 15682	3	0.9999999
## 15683	2	0.9999999
## 15684	3	0.9999999
## 15685	4	0.9999999
## 15686	4	0.9999999
## 15687	2	0.9999999
## 15688	0	0.9999999
## 15689	3	0.9999998

## 15690	3	0.9999999
## 15691	2	0.9999999
## 15692	1	0.9999999
## 15693	4	0.9999999
## 15694	2	0.9999999
## 15695	2	0.9999999
## 15696	2	0.9999999
## 15697	3	0.9999999
## 15698	1	0.9999999
## 15699	2	0.9999999
## 15700	3	0.9999999
## 15701	4	0.9999999
## 15702	4	0.9999999
## 15703	1	0.9999999
## 15704	2	0.9999999
## 15705	4	0.9999999
## 15706	3	0.9999999
## 15707	2	0.9999999
## 15708	1	0.9999999
## 15709	1	0.9999999
## 15710	1	0.9999999
## 15711	2	0.9999999
## 15712	0	0.9999999
## 15713	4	0.9999999
## 15714	2	0.9999999
## 15715	4	0.9999999
## 15716	3	0.9999999
## 15717	4	0.9999999
## 15718	1	0.9999999
## 15719	1	0.9999999
## 15720	3	0.9999999
## 15721	4	0.9999999
## 15722	2	0.9999999
## 15723	4	0.9999999
## 15724	2	0.9999999
## 15725	2	0.9999999
## 15726	4	0.9999999
## 15727	1	0.9999999
## 15728	2	0.9999999
## 15729	0	0.9999998
## 15730	4	0.9999999
## 15731	2	0.9999999
## 15732	4	0.9999999
## 15733	4	0.9999999
## 15734	2	0.9999999
## 15735	4	0.9999999
## 15736	3	0.9999999
## 15737	2	0.9999999
## 15738	2	0.9999999
## 15739	2	0.9999999
## 15740	3	0.9999999
## 15741	2	0.9999999
## 15742	3	0.9999998
## 15743	2	0.9999999

## 15744	4	0.9999998
## 15745	2	0.9999999
## 15746	2	0.9999999
## 15747	3	0.9999999
## 15748	2	0.9999999
## 15749	3	0.9999999
## 15750	1	0.9999999
## 15751	3	0.9999999
## 15752	4	0.9999999
## 15753	2	0.9999999
## 15754	1	0.9999999
## 15755	3	0.9999999
## 15756	2	0.9999999
## 15757	4	0.9999999
## 15758	2	0.9999999
## 15759	1	0.9999999
## 15760	4	0.9999999
## 15761	2	0.9999999
## 15762	3	0.9999999
## 15763	4	0.9999999
## 15764	3	0.9999999
## 15765	1	0.9999999
## 15766	2	0.9999998
## 15767	2	0.9999999
## 15768	2	0.9999999
## 15769	2	0.9999999
## 15770	2	0.9999999
## 15771	2	0.9999999
## 15772	2	0.9999999
## 15773	4	0.9999999
## 15774	3	0.9999999
## 15775	4	0.9999998
## 15776	3	0.9999999
## 15777	3	0.9999999
## 15778	2	0.9999999
## 15779	2	0.9999999
## 15780	4	0.9999999
## 15781	2	0.9999999
## 15782	0	0.9999999
## 15783	3	0.9999999
## 15784	1	0.9999999
## 15785	2	0.9999999
## 15786	2	0.9999999
## 15787	3	0.9999999
## 15788	3	0.9999999
## 15789	3	0.9999999
## 15790	3	0.9999999
## 15791	3	0.9999999
## 15792	1	0.9999999
## 15793	2	0.9999999
## 15794	3	0.9999998
## 15795	2	0.9999999
## 15796	2	0.9999999
## 15797	4	0.9999999

## 15798	0	0.9999998
## 15799	1	0.9999999
## 15800	1	0.9999999
## 15801	4	0.9999999
## 15802	2	0.9999999
## 15803	3	0.9999998
## 15804	4	0.9999999
## 15805	2	0.9999999
## 15806	2	0.9999999
## 15807	2	0.9999999
## 15808	2	0.9999999
## 15809	3	0.9999999
## 15810	2	0.9999999
## 15811	2	0.9999999
## 15812	3	0.9999999
## 15813	3	0.9999999
## 15814	2	0.9999999
## 15815	1	0.9999999
## 15816	2	0.9999999
## 15817	1	0.9999999
## 15818	3	0.9999999
## 15819	3	0.9999999
## 15820	0	0.9999999
## 15821	2	0.9999999
## 15822	4	0.9999999
## 15823	2	0.9999998
## 15824	4	0.9999999
## 15825	4	0.9999999
## 15826	4	0.9999999
## 15827	2	0.9999999
## 15828	4	0.9999999
## 15829	4	0.9999999
## 15830	1	0.9999999
## 15831	2	0.9999999
## 15832	2	0.9999999
## 15833	2	0.9999999
## 15834	1	0.9999999
## 15835	3	0.9999999
## 15836	2	0.9999999
## 15837	3	0.9999999
## 15838	3	0.9999999
## 15839	2	0.9999999
## 15840	2	0.9999999
## 15841	4	0.9999999
## 15842	4	0.9999999
## 15843	3	0.9999999
## 15844	2	0.9999999
## 15845	4	0.9999999
## 15846	1	0.9999999
## 15847	3	0.9999999
## 15848	4	0.9999999
## 15849	3	0.9999999
## 15850	4	0.9999999
## 15851	3	0.9999999

## 15852	3	0.9999999
## 15853	2	0.9999999
## 15854	2	0.9999999
## 15855	2	0.9999999
## 15856	1	0.9999999
## 15857	2	0.9999999
## 15858	2	0.9999999
## 15859	2	0.9999999
## 15860	2	0.9999998
## 15861	2	0.9999999
## 15862	4	0.9999999
## 15863	2	0.9999999
## 15864	3	0.9999999
## 15865	2	0.9999999
## 15866	2	0.9999999
## 15867	3	0.9999999
## 15868	2	0.9999999
## 15869	1	0.9999998
## 15870	3	0.9999999
## 15871	3	0.9999999
## 15872	4	0.9999999
## 15873	2	0.9999999
## 15874	2	0.9999999
## 15875	1	0.9999998
## 15876	4	0.9999999
## 15877	2	0.9999999
## 15878	4	0.9999999
## 15879	1	0.9999999
## 15880	3	0.9999999
## 15881	2	0.9999999
## 15882	2	0.9999999
## 15883	2	0.9999999
## 15884	3	0.9999999
## 15885	2	0.9999999
## 15886	2	0.9999999
## 15887	2	0.9999999
## 15888	0	0.9999999
## 15889	1	0.9999999
## 15890	4	0.9999999
## 15891	3	0.9999999
## 15892	2	0.9999999
## 15893	3	0.9999999
## 15894	3	0.9999999
## 15895	2	0.9999999
## 15896	2	0.9999999
## 15897	4	0.9999999
## 15898	2	0.9999999
## 15899	3	0.9999998
## 15900	2	0.9999998
## 15901	3	0.9999999
## 15902	3	0.9999999
## 15903	2	0.9999999
## 15904	4	0.9999999
## 15905	2	0.9999999

## 15906	1	0.9999999
## 15907	1	0.9999999
## 15908	2	0.9999999
## 15909	4	0.9999999
## 15910	4	0.9999998
## 15911	2	0.9999999
## 15912	2	0.9999999
## 15913	4	0.9999999
## 15914	2	0.9999999
## 15915	3	0.9999999
## 15916	0	0.9999999
## 15917	1	0.9999999
## 15918	2	0.9999999
## 15919	2	0.9999999
## 15920	4	0.9999999
## 15921	3	0.9999999
## 15922	4	0.9999999
## 15923	2	0.9999999
## 15924	3	0.9999999
## 15925	0	0.9999999
## 15926	3	0.9999999
## 15927	2	0.9999999
## 15928	2	0.9999999
## 15929	2	0.9999999
## 15930	4	0.9999999
## 15931	1	0.9999999
## 15932	2	0.9999998
## 15933	3	0.9999999
## 15934	2	0.9999999
## 15935	1	0.9999998
## 15936	3	0.9999999
## 15937	4	0.9999999
## 15938	2	0.9999999
## 15939	1	0.9999999
## 15940	4	0.9999999
## 15941	4	0.9999999
## 15942	2	0.9999999
## 15943	4	0.9999999
## 15944	3	0.9999999
## 15945	4	0.9999999
## 15946	1	0.9999999
## 15947	4	0.9999999
## 15948	3	0.9999999
## 15949	4	0.9999999
## 15950	3	0.9999999
## 15951	2	0.9999999
## 15952	2	0.9999999
## 15953	4	0.9999999
## 15954	3	0.9999999
## 15955	2	0.9999999
## 15956	4	0.9999999
## 15957	2	0.9999999
## 15958	3	0.9999999
## 15959	2	0.9999999

## 15960	0	0.9999998
## 15961	3	0.9999999
## 15962	2	0.9999999
## 15963	2	0.9999999
## 15964	3	0.9999999
## 15965	3	0.9999999
## 15966	4	0.9999999
## 15967	2	0.9999999
## 15968	1	0.9999999
## 15969	2	0.9999999
## 15970	4	0.9999999
## 15971	3	0.9999999
## 15972	3	0.9999999
## 15973	4	0.9999999
## 15974	4	0.9999999
## 15975	2	0.9999999
## 15976	3	0.9999999
## 15977	3	0.9999999
## 15978	2	0.9999999
## 15979	4	0.9999999
## 15980	3	0.9999999
## 15981	2	0.9999999
## 15982	2	0.9999999
## 15983	4	0.9999999
## 15984	4	0.9999999
## 15985	0	0.9999999
## 15986	2	0.9999999
## 15987	4	0.9999999
## 15988	3	0.9999999
## 15989	1	0.9999999
## 15990	2	0.9999999
## 15991	3	0.9999999
## 15992	2	0.9999998
## 15993	2	0.9999999
## 15994	4	0.9999999
## 15995	4	0.9999999
## 15996	3	0.9999999
## 15997	3	0.9999999
## 15998	4	0.9999999
## 15999	2	0.9999999
## 16000	2	0.9999999
## 16001	2	0.9999999
## 16002	4	0.9999999
## 16003	3	0.9999999
## 16004	2	0.9999999
## 16005	2	0.9999999
## 16006	1	0.9999999
## 16007	4	0.9999999
## 16008	3	0.9999999
## 16009	4	0.9999999
## 16010	3	0.9999999
## 16011	2	0.9999999
## 16012	4	0.9999999
## 16013	4	0.9999999

## 16014	2	0.9999999
## 16015	4	0.9999999
## 16016	2	0.9999998
## 16017	2	0.9999999
## 16018	4	0.9999999
## 16019	4	0.9999999
## 16020	2	0.9999999
## 16021	3	0.9999999
## 16022	4	0.9999999
## 16023	3	0.9999999
## 16024	4	0.9999999
## 16025	2	0.9999999
## 16026	4	0.9999999
## 16027	2	0.9999999
## 16028	4	0.9999999
## 16029	2	0.9999999
## 16030	4	0.9999999
## 16031	3	0.9999999
## 16032	3	0.9999999
## 16033	3	0.9999999
## 16034	2	0.9999999
## 16035	2	0.9999999
## 16036	4	0.9999999
## 16037	2	0.9999999
## 16038	4	0.9999999
## 16039	4	0.9999999
## 16040	3	0.9999999
## 16041	1	0.9999999
## 16042	2	0.9999999
## 16043	4	0.9999999
## 16044	2	0.9999999
## 16045	2	0.9999999
## 16046	2	0.9999999
## 16047	2	0.9999999
## 16048	2	0.9999999
## 16049	3	0.9999999
## 16050	3	0.9999999
## 16051	2	0.9999999
## 16052	4	0.9999999
## 16053	4	0.9999999
## 16054	2	0.9999999
## 16055	1	0.9999998
## 16056	3	0.9999999
## 16057	3	0.9999999
## 16058	2	0.9999998
## 16059	2	0.9999999
## 16060	4	0.9999999
## 16061	2	0.9999999
## 16062	3	0.9999999
## 16063	2	0.9999999
## 16064	4	0.9999999
## 16065	2	0.9999999
## 16066	2	0.9999999
## 16067	3	0.9999999

## 16068	2	0.9999999
## 16069	2	0.9999998
## 16070	3	0.9999999
## 16071	2	0.9999999
## 16072	2	0.9999999
## 16073	3	0.9999999
## 16074	3	0.9999999
## 16075	4	0.9999999
## 16076	2	0.9999999
## 16077	2	0.9999999
## 16078	4	0.9999999
## 16079	2	0.9999999
## 16080	2	0.9999999
## 16081	3	0.9999999
## 16082	2	0.9999999
## 16083	2	0.9999999
## 16084	3	0.9999999
## 16085	4	0.9999999
## 16086	4	0.9999999
## 16087	4	0.9999999
## 16088	2	0.9999999
## 16089	2	0.9999999
## 16090	2	0.9999999
## 16091	2	0.9999999
## 16092	3	0.9999999
## 16093	1	0.9999999
## 16094	3	0.9999999
## 16095	2	0.9999999
## 16096	2	0.9999999
## 16097	2	0.9999999
## 16098	1	0.9999998
## 16099	2	0.9999999
## 16100	3	0.9999999
## 16101	2	0.9999999
## 16102	2	0.9999999
## 16103	2	0.9999999
## 16104	2	0.9999999
## 16105	2	0.9999999
## 16106	3	0.9999999
## 16107	3	0.9999999
## 16108	3	0.9999999
## 16109	2	0.9999999
## 16110	2	0.9999999
## 16111	3	0.9999999
## 16112	3	0.9999999
## 16113	3	0.9999999
## 16114	1	0.9999999
## 16115	4	0.9999999
## 16116	2	0.9999999
## 16117	4	0.9999999
## 16118	1	0.9999999
## 16119	3	0.9999999
## 16120	4	0.9999999
## 16121	4	0.9999999

## 16122	2	0.9999999
## 16123	3	0.9999999
## 16124	4	0.9999999
## 16125	4	0.9999999
## 16126	2	0.9999999
## 16127	2	0.9999999
## 16128	3	0.9999999
## 16129	4	0.9999999
## 16130	2	0.9999999
## 16131	4	0.9999999
## 16132	2	0.9999999
## 16133	2	0.9999999
## 16134	0	0.9999999
## 16135	4	0.9999999
## 16136	0	0.9999999
## 16137	0	0.9999999
## 16138	2	0.9999999
## 16139	2	0.9999999
## 16140	3	0.9999999
## 16141	2	0.9999999
## 16142	2	0.9999999
## 16143	3	0.9999999
## 16144	2	0.9999999
## 16145	3	0.9999999
## 16146	2	0.9999999
## 16147	2	0.9999999
## 16148	2	0.9999999
## 16149	4	0.9999999
## 16150	1	0.9999999
## 16151	2	0.9999999
## 16152	4	0.9999998
## 16153	4	0.9999999
## 16154	1	0.9999999
## 16155	3	0.9999999
## 16156	4	0.9999999
## 16157	3	0.9999999
## 16158	2	0.9999999
## 16159	4	0.9999999
## 16160	2	0.9999999
## 16161	2	0.9999999
## 16162	3	0.9999999
## 16163	2	0.9999999
## 16164	3	0.9999999
## 16165	2	0.9999999
## 16166	2	0.9999999
## 16167	4	0.9999999
## 16168	4	0.9999999
## 16169	2	0.9999999
## 16170	2	0.9999998
## 16171	2	0.9999999
## 16172	4	0.9999999
## 16173	4	0.9999999
## 16174	3	0.9999999
## 16175	3	0.9999999

## 16176	2	0.9999999
## 16177	3	0.9999999
## 16178	4	0.9999999
## 16179	3	0.9999999
## 16180	2	0.9999999
## 16181	2	0.9999999
## 16182	3	0.9999999
## 16183	2	0.9999999
## 16184	2	0.9999999
## 16185	1	0.9999999
## 16186	3	0.9999999
## 16187	2	0.9999999
## 16188	3	0.9999999
## 16189	1	0.9999998
## 16190	2	0.9999999
## 16191	1	0.9999999
## 16192	4	0.9999999
## 16193	2	0.9999999
## 16194	2	0.9999999
## 16195	4	0.9999999
## 16196	4	0.9999999
## 16197	2	0.9999999
## 16198	3	0.9999999
## 16199	4	0.9999999
## 16200	2	0.9999999
## 16201	1	0.9999999
## 16202	4	0.9999999
## 16203	1	0.9999999
## 16204	3	0.9999999
## 16205	3	0.9999999
## 16206	3	0.9999999
## 16207	3	0.9999999
## 16208	4	0.9999999
## 16209	4	0.9999999
## 16210	1	0.9999999
## 16211	3	0.9999999
## 16212	3	0.9999999
## 16213	2	0.9999999
## 16214	3	0.9999999
## 16215	2	0.9999998
## 16216	2	0.9999999
## 16217	2	0.9999999
## 16218	2	0.9999999
## 16219	2	0.9999999
## 16220	2	0.9999999
## 16221	3	0.9999999
## 16222	4	0.9999999
## 16223	4	0.9999999
## 16224	3	0.9999999
## 16225	3	0.9999999
## 16226	3	0.9999999
## 16227	1	0.9999999
## 16228	3	0.9999999
## 16229	4	0.9999999

## 16230	2	0.9999999
## 16231	3	0.9999999
## 16232	3	0.9999999
## 16233	3	0.9999999
## 16234	4	0.9999999
## 16235	2	0.9999999
## 16236	4	0.9999999
## 16237	4	0.9999999
## 16238	2	0.9999999
## 16239	3	0.9999999
## 16240	3	0.9999999
## 16241	1	0.9999999
## 16242	4	0.9999999
## 16243	2	0.9999999
## 16244	3	0.9999999
## 16245	1	0.9999999
## 16246	4	0.9999999
## 16247	2	0.9999999
## 16248	2	0.9999999
## 16249	2	0.9999999
## 16250	4	0.9999999
## 16251	4	0.9999999
## 16252	1	0.9999999
## 16253	3	0.9999999
## 16254	4	0.9999999
## 16255	2	0.9999999
## 16256	1	0.9999998
## 16257	2	0.9999999
## 16258	3	0.9999999
## 16259	2	0.9999999
## 16260	2	0.9999999
## 16261	2	0.9999999
## 16262	2	0.9999999
## 16263	2	0.9999999
## 16264	3	0.9999999
## 16265	1	0.9999999
## 16266	4	0.9999999
## 16267	2	0.9999999
## 16268	3	0.9999999
## 16269	3	0.9999999
## 16270	4	0.9999999
## 16271	4	0.9999999
## 16272	2	0.9999999
## 16273	3	0.9999999
## 16274	2	0.9999999
## 16275	2	0.9999999
## 16276	3	0.9999999
## 16277	4	0.9999999
## 16278	3	0.9999999
## 16279	3	0.9999999
## 16280	2	0.9999999
## 16281	4	0.9999999
## 16282	2	0.9999999
## 16283	1	0.9999999

## 16284	2	0.9999999
## 16285	0	0.9999999
## 16286	2	0.9999999
## 16287	2	0.9999999
## 16288	1	0.9999999
## 16289	1	0.9999998
## 16290	2	0.9999999
## 16291	2	0.9999999
## 16292	4	0.9999999
## 16293	2	0.9999999
## 16294	4	0.9999999
## 16295	2	0.9999999
## 16296	1	0.9999999
## 16297	2	0.9999999
## 16298	4	0.9999999
## 16299	0	0.9999999
## 16300	4	0.9999999
## 16301	2	0.9999999
## 16302	3	0.9999999
## 16303	1	0.9999999
## 16304	2	0.9999999
## 16305	4	0.9999999
## 16306	3	0.9999999
## 16307	3	0.9999999
## 16308	4	0.9999999
## 16309	4	0.9999999
## 16310	4	0.9999999
## 16311	2	0.9999999
## 16312	2	0.9999998
## 16313	2	0.9999999
## 16314	3	0.9999999
## 16315	2	0.9999999
## 16316	2	0.9999999
## 16317	3	0.9999999
## 16318	1	0.9999999
## 16319	4	0.9999999
## 16320	3	0.9999999
## 16321	4	0.9999999
## 16322	2	0.9999999
## 16323	1	0.9999999
## 16324	4	0.9999998
## 16325	2	0.9999999
## 16326	2	0.9999999
## 16327	2	0.9999999
## 16328	2	0.9999999
## 16329	3	0.9999999
## 16330	1	0.9999999
## 16331	2	0.9999999
## 16332	2	0.9999999
## 16333	2	0.9999998
## 16334	2	0.9999999
## 16335	2	0.9999999
## 16336	1	0.9999999
## 16337	3	0.9999999

## 16338	2	0.9999999
## 16339	3	0.9999999
## 16340	2	0.9999998
## 16341	2	0.9999999
## 16342	2	0.9999999
## 16343	3	0.9999999
## 16344	3	0.9999999
## 16345	4	0.9999999
## 16346	2	0.9999998
## 16347	2	0.9999999
## 16348	3	0.9999999
## 16349	3	0.9999999
## 16350	4	0.9999999
## 16351	3	0.9999998
## 16352	2	0.9999999
## 16353	3	0.9999999
## 16354	2	0.9999999
## 16355	2	0.9999999
## 16356	3	0.9999999
## 16357	2	0.9999999
## 16358	2	0.9999998
## 16359	2	0.9999999
## 16360	4	0.9999999
## 16361	3	0.9999999
## 16362	1	0.9999999
## 16363	4	0.9999999
## 16364	2	0.9999998
## 16365	0	0.9999999
## 16366	2	0.9999999
## 16367	2	0.9999999
## 16368	2	0.9999999
## 16369	3	0.9999999
## 16370	2	0.9999999
## 16371	2	0.9999999
## 16372	3	0.9999999
## 16373	2	0.9999999
## 16374	3	0.9999999
## 16375	2	0.9999999
## 16376	2	0.9999999
## 16377	4	0.9999999
## 16378	2	0.9999999
## 16379	4	0.9999999
## 16380	4	0.9999999
## 16381	4	0.9999998
## 16382	3	0.9999999
## 16383	2	0.9999999
## 16384	2	0.9999999
## 16385	3	0.9999999
## 16386	3	0.9999999
## 16387	2	0.9999999
## 16388	2	0.9999999
## 16389	2	0.9999999
## 16390	4	0.9999999
## 16391	2	0.9999999

## 16392	0	0.9999999
## 16393	4	0.9999998
## 16394	2	0.9999998
## 16395	4	0.9999999
## 16396	1	0.9999999
## 16397	2	0.9999999
## 16398	4	0.9999999
## 16399	2	0.9999999
## 16400	2	0.9999999
## 16401	4	0.9999999
## 16402	1	0.9999999
## 16403	2	0.9999999
## 16404	4	0.9999999
## 16405	3	0.9999999
## 16406	2	0.9999999
## 16407	4	0.9999999
## 16408	3	0.9999999
## 16409	4	0.9999999
## 16410	1	0.9999999
## 16411	2	0.9999999
## 16412	4	0.9999999
## 16413	1	0.9999999
## 16414	2	0.9999999
## 16415	4	0.9999999
## 16416	1	0.9999999
## 16417	0	0.9999999
## 16418	1	0.9999999
## 16419	2	0.9999999
## 16420	1	0.9999999
## 16421	1	0.9999999
## 16422	2	0.9999999
## 16423	2	0.9999999
## 16424	3	0.9999999
## 16425	2	0.9999999
## 16426	2	0.9999999
## 16427	4	0.9999999
## 16428	4	0.9999999
## 16429	2	0.9999999
## 16430	3	0.9999999
## 16431	4	0.9999999
## 16432	0	0.9999999
## 16433	4	0.9999999
## 16434	4	0.9999999
## 16435	2	0.9999999
## 16436	2	0.9999999
## 16437	0	0.9999999
## 16438	4	0.9999999
## 16439	2	0.9999999
## 16440	2	0.9999999
## 16441	3	0.9999999
## 16442	2	0.9999999
## 16443	3	0.9999999
## 16444	2	0.9999999
## 16445	2	0.9999999

## 16446	2	0.9999999
## 16447	4	0.9999999
## 16448	1	0.9999999
## 16449	4	0.9999999
## 16450	3	0.9999999
## 16451	2	0.9999999
## 16452	3	0.9999999
## 16453	3	0.9999999
## 16454	4	0.9999999
## 16455	1	0.9999999
## 16456	2	0.9999999
## 16457	2	0.9999998
## 16458	3	0.9999999
## 16459	3	0.9999999
## 16460	3	0.9999999
## 16461	3	0.9999999
## 16462	3	0.9999999
## 16463	1	0.9999999
## 16464	3	0.9999999
## 16465	1	0.9999999
## 16466	2	0.9999999
## 16467	3	0.9999999
## 16468	3	0.9999999
## 16469	3	0.9999999
## 16470	1	0.9999999
## 16471	4	0.9999999
## 16472	2	0.9999999
## 16473	2	0.9999999
## 16474	3	0.9999998
## 16475	2	0.9999999
## 16476	0	0.9999999
## 16477	2	0.9999999
## 16478	1	0.9999999
## 16479	3	0.9999999
## 16480	3	0.9999999
## 16481	4	0.9999999
## 16482	3	0.9999998
## 16483	2	0.9999999
## 16484	4	0.9999999
## 16485	4	0.9999999
## 16486	2	0.9999999
## 16487	3	0.9999999
## 16488	0	0.9999999
## 16489	3	0.9999999
## 16490	2	0.9999999
## 16491	3	0.9999999
## 16492	2	0.9999999
## 16493	2	0.9999999
## 16494	2	0.9999999
## 16495	3	0.9999999
## 16496	2	0.9999999
## 16497	4	0.9999999
## 16498	0	0.9999999
## 16499	3	0.9999999

## 16500	1	0.9999999
## 16501	2	0.9999999
## 16502	3	0.9999999
## 16503	4	0.9999999
## 16504	2	0.9999999
## 16505	4	0.9999999
## 16506	2	0.9999999
## 16507	2	0.9999999
## 16508	1	0.9999999
## 16509	1	0.9999999
## 16510	3	0.9999999
## 16511	3	0.9999999
## 16512	2	0.9999998
## 16513	2	0.9999999
## 16514	4	0.9999999
## 16515	2	0.9999999
## 16516	2	0.9999999
## 16517	4	0.9999998
## 16518	4	0.9999999
## 16519	3	0.9999999
## 16520	4	0.9999999
## 16521	2	0.9999999
## 16522	0	0.9999999
## 16523	2	0.9999999
## 16524	4	0.9999999
## 16525	2	0.9999999
## 16526	4	0.9999999
## 16527	2	0.9999999
## 16528	4	0.9999999
## 16529	0	0.9999999
## 16530	2	0.9999999
## 16531	4	0.9999999
## 16532	1	0.9999999
## 16533	4	0.9999999
## 16534	1	0.9999999
## 16535	2	0.9999999
## 16536	2	0.9999999
## 16537	4	0.9999999
## 16538	2	0.9999999
## 16539	2	0.9999999
## 16540	2	0.9999999
## 16541	4	0.9999999
## 16542	2	0.9999999
## 16543	4	0.9999999
## 16544	2	0.9999999
## 16545	4	0.9999999
## 16546	3	0.9999999
## 16547	2	0.9999999
## 16548	0	0.9999999
## 16549	2	0.9999999
## 16550	4	0.9999999
## 16551	2	0.9999999
## 16552	2	0.9999998
## 16553	2	0.9999999

## 16554	2	0.9999999
## 16555	2	0.9999999
## 16556	3	0.9999998
## 16557	1	0.9999999
## 16558	2	0.9999999
## 16559	2	0.9999999
## 16560	2	0.9999999
## 16561	4	0.9999999
## 16562	2	0.9999999
## 16563	3	0.9999999
## 16564	2	0.9999999
## 16565	2	0.9999999
## 16566	0	0.9999999
## 16567	2	0.9999999
## 16568	1	0.9999999
## 16569	3	0.9999998
## 16570	3	0.9999999
## 16571	2	0.9999999
## 16572	3	0.9999999
## 16573	4	0.9999999
## 16574	2	0.9999999
## 16575	2	0.9999999
## 16576	2	0.9999999
## 16577	2	0.9999999
## 16578	1	0.9999999
## 16579	2	0.9999999
## 16580	3	0.9999999
## 16581	2	0.9999999
## 16582	3	0.9999999
## 16583	4	0.9999999
## 16584	2	0.9999999
## 16585	2	0.9999999
## 16586	2	0.9999999
## 16587	3	0.9999999
## 16588	2	0.9999999
## 16589	1	0.9999999
## 16590	2	0.9999999
## 16591	2	0.9999999
## 16592	4	0.9999999
## 16593	2	0.9999999
## 16594	3	0.9999999
## 16595	4	0.9999999
## 16596	1	0.9999999
## 16597	1	0.9999999
## 16598	3	0.9999999
## 16599	4	0.9999999
## 16600	0	0.9999999
## 16601	1	0.9999999
## 16602	2	0.9999999
## 16603	4	0.9999999
## 16604	3	0.9999999
## 16605	1	0.9999999
## 16606	2	0.9999999
## 16607	3	0.9999998

## 16608	2	0.9999999
## 16609	1	0.9999999
## 16610	3	0.9999999
## 16611	2	0.9999999
## 16612	2	0.9999999
## 16613	4	0.9999999
## 16614	4	0.9999999
## 16615	3	0.9999999
## 16616	2	0.9999999
## 16617	4	0.9999999
## 16618	3	0.9999999
## 16619	4	0.9999999
## 16620	4	0.9999998
## 16621	2	0.9999998
## 16622	2	0.9999999
## 16623	0	0.9999999
## 16624	4	0.9999999
## 16625	4	0.9999999
## 16626	3	0.9999999
## 16627	1	0.9999999
## 16628	2	0.9999999
## 16629	2	0.9999999
## 16630	4	0.9999999
## 16631	4	0.9999999
## 16632	1	0.9999999
## 16633	2	0.9999999
## 16634	3	0.9999999
## 16635	4	0.9999999
## 16636	2	0.9999999
## 16637	4	0.9999999
## 16638	4	0.9999999
## 16639	2	0.9999999
## 16640	3	0.9999999
## 16641	2	0.9999999
## 16642	4	0.9999999
## 16643	3	0.9999999
## 16644	2	0.9999999
## 16645	2	0.9999999
## 16646	2	0.9999999
## 16647	4	0.9999999
## 16648	3	0.9999999
## 16649	3	0.9999999
## 16650	1	0.9999999
## 16651	2	0.9999999
## 16652	3	0.9999999
## 16653	4	0.9999999
## 16654	2	0.9999999
## 16655	2	0.9999999
## 16656	2	0.9999999
## 16657	3	0.9999999
## 16658	3	0.9999999
## 16659	4	0.9999999
## 16660	3	0.9999999
## 16661	4	0.9999999

## 16662	4	0.9999999
## 16663	2	0.9999999
## 16664	4	0.9999999
## 16665	3	0.9999999
## 16666	2	0.9999999
## 16667	3	0.9999999
## 16668	2	0.9999999
## 16669	3	0.9999999
## 16670	2	0.9999999
## 16671	2	0.9999999
## 16672	3	0.9999999
## 16673	3	0.9999998
## 16674	0	0.9999998
## 16675	4	0.9999999
## 16676	2	0.9999999
## 16677	2	0.9999999
## 16678	2	0.9999999
## 16679	3	0.9999999
## 16680	3	0.9999999
## 16681	3	0.9999999
## 16682	2	0.9999998
## 16683	3	0.9999999
## 16684	2	0.9999999
## 16685	1	0.9999999
## 16686	1	0.9999999
## 16687	2	0.9999999
## 16688	2	0.9999999
## 16689	3	0.9999998
## 16690	4	0.9999999
## 16691	3	0.9999999
## 16692	3	0.9999999
## 16693	4	0.9999999
## 16694	3	0.9999999
## 16695	4	0.9999999
## 16696	2	0.9999998
## 16697	4	0.9999999
## 16698	2	0.9999999
## 16699	1	0.9999999
## 16700	1	0.9999999
## 16701	3	0.9999999
## 16702	3	0.9999999
## 16703	4	0.9999999
## 16704	4	0.9999999
## 16705	2	0.9999999
## 16706	2	0.9999999
## 16707	2	0.9999999
## 16708	2	0.9999999
## 16709	3	0.9999999
## 16710	3	0.9999999
## 16711	4	0.9999999
## 16712	4	0.9999999
## 16713	2	0.9999999
## 16714	1	0.9999999
## 16715	3	0.9999999

## 16716	2	0.9999999
## 16717	4	0.9999999
## 16718	1	0.9999997
## 16719	4	0.9999999
## 16720	3	0.9999999
## 16721	4	0.9999999
## 16722	2	0.9999999
## 16723	1	0.9999999
## 16724	2	0.9999999
## 16725	3	0.9999999
## 16726	3	0.9999999
## 16727	3	0.9999999
## 16728	4	0.9999999
## 16729	4	0.9999999
## 16730	3	0.9999999
## 16731	3	0.9999999
## 16732	4	0.9999999
## 16733	2	0.9999999
## 16734	4	0.9999999
## 16735	4	0.9999998
## 16736	4	0.9999999
## 16737	2	0.9999999
## 16738	3	0.9999999
## 16739	0	0.9999999
## 16740	3	0.9999999
## 16741	2	0.9999999
## 16742	2	0.9999999
## 16743	3	0.9999999
## 16744	3	0.9999999
## 16745	2	0.9999999
## 16746	2	0.9999999
## 16747	4	0.9999999
## 16748	1	0.9999999
## 16749	4	0.9999999
## 16750	4	0.9999999
## 16751	3	0.9999999
## 16752	2	0.9999999
## 16753	3	0.9999999
## 16754	2	0.9999999
## 16755	2	0.9999999
## 16756	4	0.9999999
## 16757	2	0.9999999
## 16758	4	0.9999999
## 16759	3	0.9999999
## 16760	4	0.9999999
## 16761	2	0.9999999
## 16762	2	0.9999999
## 16763	2	0.9999999
## 16764	2	0.9999999
## 16765	3	0.9999999
## 16766	2	0.9999999
## 16767	2	0.9999999
## 16768	2	0.9999999
## 16769	3	0.9999999

## 16770	2	0.9999999
## 16771	4	0.9999999
## 16772	3	0.9999999
## 16773	1	0.9999999
## 16774	0	0.9999999
## 16775	3	0.9999999
## 16776	2	0.9999999
## 16777	4	0.9999999
## 16778	2	0.9999999
## 16779	1	0.9999999
## 16780	1	0.9999998
## 16781	3	0.9999999
## 16782	2	0.9999999
## 16783	3	0.9999999
## 16784	3	0.9999999
## 16785	4	0.9999999
## 16786	2	0.9999999
## 16787	2	0.9999999
## 16788	3	0.9999999
## 16789	4	0.9999999
## 16790	3	0.9999999
## 16791	2	0.9999999
## 16792	3	0.9999999
## 16793	2	0.9999999
## 16794	3	0.9999999
## 16795	1	0.9999999
## 16796	4	0.9999999
## 16797	2	0.9999999
## 16798	4	0.9999999
## 16799	2	0.9999999
## 16800	2	0.9999999
## 16801	2	0.9999999
## 16802	4	0.9999999
## 16803	2	0.9999999
## 16804	2	0.9999999
## 16805	3	0.9999999
## 16806	3	0.9999999
## 16807	2	0.9999999
## 16808	3	0.9999999
## 16809	2	0.9999999
## 16810	3	0.9999999
## 16811	4	0.9999999
## 16812	2	0.9999999
## 16813	4	0.9999999
## 16814	1	0.9999998
## 16815	2	0.9999999
## 16816	1	0.9999999
## 16817	2	0.9999999
## 16818	3	0.9999999
## 16819	3	0.9999999
## 16820	0	0.9999999
## 16821	1	0.9999999
## 16822	2	0.9999999
## 16823	2	0.9999999

## 16824	3	0.9999999
## 16825	3	0.9999999
## 16826	2	0.9999999
## 16827	4	0.9999999
## 16828	4	0.9999999
## 16829	4	0.9999999
## 16830	3	0.9999999
## 16831	2	0.9999999
## 16832	2	0.9999999
## 16833	3	0.9999999
## 16834	4	0.9999999
## 16835	2	0.9999999
## 16836	2	0.9999999
## 16837	4	0.9999999
## 16838	2	0.9999999
## 16839	3	0.9999999
## 16840	3	0.9999999
## 16841	2	0.9999999
## 16842	2	0.9999999
## 16843	2	0.9999999
## 16844	1	0.9999999
## 16845	3	0.9999999
## 16846	4	0.9999999
## 16847	4	0.9999999
## 16848	3	0.9999998
## 16849	2	0.9999999
## 16850	3	0.9999999
## 16851	4	0.9999999
## 16852	2	0.9999999
## 16853	4	0.9999999
## 16854	1	0.9999999
## 16855	3	0.9999999
## 16856	2	0.9999999
## 16857	2	0.9999999
## 16858	2	0.9999999
## 16859	1	0.9999998
## 16860	2	0.9999999
## 16861	2	0.9999999
## 16862	2	0.9999999
## 16863	2	0.9999999
## 16864	2	0.9999999
## 16865	3	0.9999999
## 16866	3	0.9999999
## 16867	1	0.9999999
## 16868	3	0.9999999
## 16869	2	0.9999999
## 16870	2	0.9999998
## 16871	3	0.9999999
## 16872	3	0.9999999
## 16873	3	0.9999999
## 16874	4	0.9999999
## 16875	4	0.9999999
## 16876	2	0.9999999
## 16877	4	0.9999999

## 16878	1	0.9999999
## 16879	2	0.9999999
## 16880	4	0.9999999
## 16881	4	0.9999999
## 16882	3	0.9999999
## 16883	2	0.9999999
## 16884	2	0.9999999
## 16885	3	0.9999999
## 16886	2	0.9999999
## 16887	3	0.9999999
## 16888	2	0.9999999
## 16889	3	0.9999999
## 16890	3	0.9999999
## 16891	2	0.9999999
## 16892	2	0.9999999
## 16893	2	0.9999999
## 16894	3	0.9999999
## 16895	3	0.9999999
## 16896	2	0.9999999
## 16897	2	0.9999999
## 16898	4	0.9999999
## 16899	2	0.9999999
## 16900	2	0.9999999
## 16901	2	0.9999999
## 16902	3	0.9999999
## 16903	1	0.9999999
## 16904	2	0.9999999
## 16905	4	0.9999998
## 16906	3	0.9999999
## 16907	2	0.9999999
## 16908	4	0.9999999
## 16909	2	0.9999999
## 16910	4	0.9999999
## 16911	3	0.9999999
## 16912	1	0.9999999
## 16913	3	0.9999999
## 16914	1	0.9999999
## 16915	4	0.9999999
## 16916	4	0.9999999
## 16917	3	0.9999999
## 16918	2	0.9999999
## 16919	3	0.9999999
## 16920	3	0.9999999
## 16921	3	0.9999999
## 16922	2	0.9999999
## 16923	1	0.9999999
## 16924	2	0.9999999
## 16925	3	0.9999999
## 16926	4	0.9999999
## 16927	4	0.9999999
## 16928	1	0.9999998
## 16929	2	0.9999999
## 16930	4	0.9999999
## 16931	3	0.9999999

## 16932	0	0.9999999
## 16933	2	0.9999999
## 16934	3	0.9999999
## 16935	2	0.9999999
## 16936	1	0.9999999
## 16937	2	0.9999999
## 16938	3	0.9999999
## 16939	4	0.9999999
## 16940	3	0.9999999
## 16941	3	0.9999998
## 16942	3	0.9999999
## 16943	2	0.9999999
## 16944	3	0.9999999
## 16945	2	0.9999999
## 16946	3	0.9999999
## 16947	2	0.9999999
## 16948	3	0.9999999
## 16949	4	0.9999999
## 16950	3	0.9999999
## 16951	4	0.9999999
## 16952	3	0.9999999
## 16953	1	0.9999999
## 16954	3	0.9999999
## 16955	2	0.9999999
## 16956	4	0.9999999
## 16957	1	0.9999999
## 16958	2	0.9999998
## 16959	2	0.9999999
## 16960	4	0.9999999
## 16961	4	0.9999999
## 16962	3	0.9999999
## 16963	3	0.9999999
## 16964	2	0.9999999
## 16965	4	0.9999999
## 16966	2	0.9999999
## 16967	3	0.9999999
## 16968	3	0.9999999
## 16969	3	0.9999999
## 16970	4	0.9999999
## 16971	2	0.9999999
## 16972	3	0.9999999
## 16973	1	0.9999999
## 16974	2	0.9999999
## 16975	4	0.9999999
## 16976	2	0.9999999
## 16977	4	0.9999999
## 16978	4	0.9999999
## 16979	3	0.9999999
## 16980	2	0.9999999
## 16981	2	0.9999999
## 16982	4	0.9999998
## 16983	2	0.9999999
## 16984	2	0.9999999
## 16985	0	0.9999999

## 16986	2	0.9999999
## 16987	4	0.9999999
## 16988	1	0.9999999
## 16989	2	0.9999999
## 16990	2	0.9999999
## 16991	3	0.9999999
## 16992	3	0.9999999
## 16993	4	0.9999999
## 16994	3	0.9999999
## 16995	1	0.9999999
## 16996	4	0.9999999
## 16997	2	0.9999999
## 16998	4	0.9999999
## 16999	3	0.9999999
## 17000	3	0.9999999
## 17001	4	0.9999999
## 17002	4	0.9999999
## 17003	2	0.9999999
## 17004	4	0.9999999
## 17005	2	0.9999999
## 17006	1	0.9999999
## 17007	2	0.9999999
## 17008	1	0.9999999
## 17009	2	0.9999999
## 17010	3	0.9999999
## 17011	4	0.9999999
## 17012	3	0.9999999
## 17013	4	0.9999999
## 17014	4	0.9999999
## 17015	2	0.9999999
## 17016	3	0.9999998
## 17017	4	0.9999999
## 17018	3	0.9999999
## 17019	2	0.9999999
## 17020	3	0.9999999
## 17021	3	0.9999999
## 17022	3	0.9999999
## 17023	4	0.9999999
## 17024	2	0.9999999
## 17025	2	0.9999999
## 17026	2	0.9999999
## 17027	2	0.9999999
## 17028	2	0.9999999
## 17029	3	0.9999999
## 17030	4	0.9999999
## 17031	2	0.9999999
## 17032	2	0.9999999
## 17033	2	0.9999999
## 17034	2	0.9999999
## 17035	2	0.9999998
## 17036	3	0.9999999
## 17037	2	0.9999999
## 17038	3	0.9999999
## 17039	3	0.9999999

## 17040	2	0.9999999
## 17041	3	0.9999999
## 17042	2	0.9999999
## 17043	4	0.9999999
## 17044	3	0.9999999
## 17045	1	0.9999999
## 17046	1	0.9999999
## 17047	3	0.9999999
## 17048	4	0.9999999
## 17049	4	0.9999999
## 17050	3	0.9999999
## 17051	2	0.9999999
## 17052	2	0.9999999
## 17053	3	0.9999999
## 17054	2	0.9999999
## 17055	1	0.9999999
## 17056	3	0.9999999
## 17057	1	0.9999999
## 17058	4	0.9999999
## 17059	3	0.9999999
## 17060	4	0.9999999
## 17061	2	0.9999999
## 17062	4	0.9999998
## 17063	0	0.9999997
## 17064	4	0.9999999
## 17065	2	0.9999999
## 17066	4	0.9999999
## 17067	2	0.9999999
## 17068	2	0.9999999
## 17069	3	0.9999999
## 17070	2	0.9999999
## 17071	4	0.9999999
## 17072	1	0.9999999
## 17073	2	0.9999999
## 17074	0	0.9999999
## 17075	4	0.9999999
## 17076	4	0.9999999
## 17077	4	0.9999999
## 17078	2	0.9999999
## 17079	2	0.9999999
## 17080	4	0.9999999
## 17081	2	0.9999999
## 17082	3	0.9999999
## 17083	0	0.9999999
## 17084	3	0.9999999
## 17085	2	0.9999999
## 17086	1	0.9999999
## 17087	3	0.9999999
## 17088	4	0.9999999
## 17089	2	0.9999999
## 17090	2	0.9999999
## 17091	3	0.9999999
## 17092	2	0.9999999
## 17093	3	0.9999999

## 17094	2	0.9999999
## 17095	3	0.9999999
## 17096	2	0.9999999
## 17097	4	0.9999999
## 17098	3	0.9999999
## 17099	3	0.9999999
## 17100	1	0.9999999
## 17101	2	0.9999999
## 17102	2	0.9999999
## 17103	2	0.9999998
## 17104	2	0.9999999
## 17105	3	0.9999999
## 17106	3	0.9999999
## 17107	3	0.9999999
## 17108	1	0.9999999
## 17109	2	0.9999999
## 17110	2	0.9999999
## 17111	2	0.9999999
## 17112	3	0.9999999
## 17113	1	0.9999999
## 17114	1	0.9999999
## 17115	1	0.9999999
## 17116	4	0.9999999
## 17117	2	0.9999999
## 17118	1	0.9999999
## 17119	2	0.9999999
## 17120	2	0.9999999
## 17121	3	0.9999999
## 17122	2	0.9999999
## 17123	1	0.9999999
## 17124	3	0.9999999
## 17125	2	0.9999999
## 17126	1	0.9999999
## 17127	1	0.9999999
## 17128	3	0.9999999
## 17129	2	0.9999999
## 17130	4	0.9999999
## 17131	3	0.9999999
## 17132	4	0.9999999
## 17133	2	0.9999999
## 17134	3	0.9999999
## 17135	4	0.9999999
## 17136	3	0.9999999
## 17137	3	0.9999999
## 17138	4	0.9999999
## 17139	0	0.9999998
## 17140	3	0.9999999
## 17141	2	0.9999999
## 17142	2	0.9999998
## 17143	2	0.9999999
## 17144	3	0.9999999
## 17145	2	0.9999999
## 17146	4	0.9999999
## 17147	4	0.9999999

## 17148	2	0.9999999
## 17149	4	0.9999999
## 17150	2	0.9999999
## 17151	4	0.9999999
## 17152	3	0.9999999
## 17153	4	0.9999999
## 17154	2	0.9999999
## 17155	3	0.9999999
## 17156	1	0.9999999
## 17157	0	0.9999999
## 17158	3	0.9999999
## 17159	2	0.9999999
## 17160	2	0.9999999
## 17161	2	0.9999999
## 17162	3	0.9999999
## 17163	4	0.9999999
## 17164	2	0.9999999
## 17165	3	0.9999999
## 17166	4	0.9999999
## 17167	1	0.9999999
## 17168	4	0.9999999
## 17169	2	0.9999999
## 17170	4	0.9999999
## 17171	3	0.9999999
## 17172	1	0.9999999
## 17173	3	0.9999999
## 17174	2	0.9999999
## 17175	1	0.9999999
## 17176	4	0.9999999
## 17177	2	0.9999999
## 17178	3	0.9999999
## 17179	2	0.9999999
## 17180	3	0.9999999
## 17181	3	0.9999999
## 17182	2	0.9999999
## 17183	3	0.9999999
## 17184	2	0.9999999
## 17185	4	0.9999998
## 17186	2	0.9999999
## 17187	3	0.9999998
## 17188	2	0.9999999
## 17189	3	0.9999999
## 17190	3	0.9999999
## 17191	4	0.9999999
## 17192	2	0.9999998
## 17193	3	0.9999999
## 17194	4	0.9999999
## 17195	2	0.9999999
## 17196	3	0.9999999
## 17197	4	0.9999999
## 17198	2	0.9999999
## 17199	3	0.9999998
## 17200	3	0.9999999
## 17201	3	0.9999999

## 17202	2	0.9999999
## 17203	2	0.9999999
## 17204	2	0.9999999
## 17205	2	0.9999999
## 17206	1	0.9999999
## 17207	4	0.9999999
## 17208	3	0.9999999
## 17209	1	0.9999999
## 17210	2	0.9999999
## 17211	2	0.9999999
## 17212	3	0.9999999
## 17213	4	0.9999999
## 17214	2	0.9999999
## 17215	2	0.9999999
## 17216	2	0.9999999
## 17217	2	0.9999998
## 17218	3	0.9999999
## 17219	2	0.9999999
## 17220	3	0.9999999
## 17221	2	0.9999999
## 17222	4	0.9999999
## 17223	3	0.9999999
## 17224	2	0.9999999
## 17225	3	0.9999999
## 17226	2	0.9999999
## 17227	2	0.9999999
## 17228	2	0.9999999
## 17229	2	0.9999999
## 17230	3	0.9999999
## 17231	1	0.9999999
## 17232	4	0.9999999
## 17233	2	0.9999999
## 17234	2	0.9999999
## 17235	2	0.9999999
## 17236	2	0.9999999
## 17237	2	0.9999999
## 17238	1	0.9999999
## 17239	3	0.9999999
## 17240	2	0.9999999
## 17241	1	0.9999999
## 17242	2	0.9999999
## 17243	2	0.9999999
## 17244	3	0.9999999
## 17245	3	0.9999999
## 17246	3	0.9999999
## 17247	2	0.9999999
## 17248	4	0.9999999
## 17249	2	0.9999999
## 17250	2	0.9999999
## 17251	2	0.9999999
## 17252	4	0.9999999
## 17253	3	0.9999999
## 17254	1	0.9999999
## 17255	4	0.9999999

## 17256	3	0.9999999
## 17257	3	0.9999999
## 17258	3	0.9999999
## 17259	4	0.9999999
## 17260	3	0.9999999
## 17261	2	0.9999999
## 17262	2	0.9999999
## 17263	0	0.9999999
## 17264	4	0.9999999
## 17265	4	0.9999999
## 17266	3	0.9999998
## 17267	3	0.9999999
## 17268	4	0.9999999
## 17269	3	0.9999999
## 17270	1	0.9999999
## 17271	2	0.9999999
## 17272	1	0.9999999
## 17273	1	0.9999999
## 17274	2	0.9999998
## 17275	3	0.9999999
## 17276	1	0.9999998
## 17277	3	0.9999999
## 17278	2	0.9999999
## 17279	1	0.9999999
## 17280	2	0.9999999
## 17281	4	0.9999999
## 17282	4	0.9999999
## 17283	3	0.9999999
## 17284	1	0.9999999
## 17285	2	0.9999999
## 17286	2	0.9999999
## 17287	4	0.9999999
## 17288	2	0.9999999
## 17289	2	0.9999999
## 17290	4	0.9999999
## 17291	1	0.9999998
## 17292	4	0.9999999
## 17293	3	0.9999999
## 17294	2	0.9999999
## 17295	2	0.9999998
## 17296	2	0.9999998
## 17297	2	0.9999999
## 17298	2	0.9999999
## 17299	2	0.9999998
## 17300	3	0.9999999
## 17301	2	0.9999999
## 17302	2	0.9999999
## 17303	3	0.9999999
## 17304	3	0.9999999
## 17305	3	0.9999999
## 17306	4	0.9999999
## 17307	1	0.9999999
## 17308	2	0.9999999
## 17309	2	0.9999999

## 17310	3	0.9999999
## 17311	3	0.9999999
## 17312	0	0.9999999
## 17313	3	0.9999999
## 17314	2	0.9999999
## 17315	3	0.9999999
## 17316	2	0.9999999
## 17317	4	0.9999999
## 17318	2	0.9999999
## 17319	4	0.9999999
## 17320	3	0.9999999
## 17321	3	0.9999998
## 17322	2	0.9999999
## 17323	3	0.9999999
## 17324	4	0.9999999
## 17325	2	0.9999999
## 17326	4	0.9999999
## 17327	1	0.9999999
## 17328	0	0.9999999
## 17329	4	0.9999999
## 17330	3	0.9999999
## 17331	1	0.9999999
## 17332	3	0.9999999
## 17333	2	0.9999999
## 17334	3	0.9999999
## 17335	4	0.9999999
## 17336	2	0.9999999
## 17337	2	0.9999999
## 17338	4	0.9999999
## 17339	2	0.9999999
## 17340	4	0.9999999
## 17341	2	0.9999999
## 17342	1	0.9999999
## 17343	4	0.9999999
## 17344	2	0.9999999
## 17345	2	0.9999999
## 17346	2	0.9999999
## 17347	2	0.9999999
## 17348	2	0.9999999
## 17349	2	0.9999999
## 17350	2	0.9999999
## 17351	2	0.9999999
## 17352	4	0.9999999
## 17353	2	0.9999999
## 17354	2	0.9999999
## 17355	2	0.9999999
## 17356	3	0.9999999
## 17357	0	0.9999999
## 17358	4	0.9999999
## 17359	3	0.9999999
## 17360	1	0.9999999
## 17361	2	0.9999999
## 17362	2	0.9999999
## 17363	3	0.9999999

## 17364	3	0.9999998
## 17365	4	0.9999999
## 17366	4	0.9999999
## 17367	2	0.9999999
## 17368	3	0.9999999
## 17369	2	0.9999999
## 17370	2	0.9999998
## 17371	2	0.9999999
## 17372	1	0.9999999
## 17373	1	0.9999999
## 17374	2	0.9999999
## 17375	4	0.9999999
## 17376	1	0.9999999
## 17377	1	0.9999998
## 17378	3	0.9999999
## 17379	1	0.9999999
## 17380	2	0.9999999
## 17381	4	0.9999999
## 17382	2	0.9999999
## 17383	2	0.9999999
## 17384	4	0.9999999
## 17385	2	0.9999999
## 17386	2	0.9999999
## 17387	2	0.9999998
## 17388	4	0.9999999
## 17389	4	0.9999999
## 17390	1	0.9999999
## 17391	1	0.9999999
## 17392	1	0.9999999
## 17393	4	0.9999999
## 17394	3	0.9999999
## 17395	3	0.9999999
## 17396	2	0.9999999
## 17397	2	0.9999999
## 17398	2	0.9999999
## 17399	2	0.9999999
## 17400	4	0.9999999
## 17401	4	0.9999999
## 17402	2	0.9999999
## 17403	1	0.9999999
## 17404	3	0.9999999
## 17405	1	0.9999999
## 17406	3	0.9999999
## 17407	1	0.9999998
## 17408	2	0.9999999
## 17409	2	0.9999999
## 17410	2	0.9999999
## 17411	1	0.9999999
## 17412	4	0.9999999
## 17413	3	0.9999999
## 17414	2	0.9999999
## 17415	4	0.9999999
## 17416	2	0.9999999
## 17417	4	0.9999999

## 17418	1	0.9999999
## 17419	3	0.9999999
## 17420	2	0.9999999
## 17421	2	0.9999999
## 17422	2	0.9999999
## 17423	2	0.9999999
## 17424	1	0.9999999
## 17425	2	0.9999999
## 17426	4	0.9999999
## 17427	2	0.9999999
## 17428	3	0.9999999
## 17429	2	0.9999999
## 17430	3	0.9999999
## 17431	4	0.9999999
## 17432	4	0.9999999
## 17433	2	0.9999999
## 17434	2	0.9999999
## 17435	3	0.9999999
## 17436	2	0.9999999
## 17437	3	0.9999999
## 17438	3	0.9999999
## 17439	4	0.9999999
## 17440	4	0.9999999
## 17441	2	0.9999999
## 17442	4	0.9999999
## 17443	2	0.9999999
## 17444	2	0.9999999
## 17445	2	0.9999998
## 17446	1	0.9999999
## 17447	3	0.9999999
## 17448	4	0.9999998
## 17449	3	0.9999999
## 17450	2	0.9999999
## 17451	4	0.9999999
## 17452	1	0.9999999
## 17453	3	0.9999999
## 17454	2	0.9999999
## 17455	4	0.9999999
## 17456	2	0.9999999
## 17457	4	0.9999999
## 17458	2	0.9999999
## 17459	2	0.9999998
## 17460	3	0.9999999
## 17461	2	0.9999999
## 17462	2	0.9999999
## 17463	3	0.9999999
## 17464	2	0.9999999
## 17465	2	0.9999999
## 17466	2	0.9999999
## 17467	0	0.9999999
## 17468	3	0.9999999
## 17469	3	0.9999999
## 17470	2	0.9999999
## 17471	2	0.9999999

## 17472	3	0.9999999
## 17473	0	0.9999999
## 17474	2	0.9999999
## 17475	2	0.9999999
## 17476	3	0.9999999
## 17477	1	0.9999999
## 17478	2	0.9999999
## 17479	2	0.9999999
## 17480	3	0.9999999
## 17481	3	0.9999999
## 17482	3	0.9999999
## 17483	4	0.9999999
## 17484	2	0.9999999
## 17485	2	0.9999999
## 17486	2	0.9999999
## 17487	2	0.9999999
## 17488	4	0.9999999
## 17489	1	0.9999998
## 17490	2	0.9999999
## 17491	1	0.9999999
## 17492	2	0.9999999
## 17493	2	0.9999999
## 17494	4	0.9999999
## 17495	2	0.9999999
## 17496	4	0.9999999
## 17497	2	0.9999999
## 17498	3	0.9999998
## 17499	1	0.9999998
## 17500	2	0.9999999
## 17501	2	0.9999999
## 17502	3	0.9999999
## 17503	2	0.9999999
## 17504	4	0.9999999
## 17505	4	0.9999999
## 17506	3	0.9999999
## 17507	4	0.9999999
## 17508	2	0.9999999
## 17509	3	0.9999999
## 17510	2	0.9999999
## 17511	4	0.9999999
## 17512	2	0.9999999
## 17513	2	0.9999999
## 17514	3	0.9999998
## 17515	2	0.9999999
## 17516	3	0.9999999
## 17517	3	0.9999999
## 17518	3	0.9999998
## 17519	3	0.9999999
## 17520	4	0.9999999
## 17521	2	0.9999999
## 17522	3	0.9999999
## 17523	2	0.9999999
## 17524	2	0.9999999
## 17525	2	0.9999999

## 17526	3	0.9999999
## 17527	3	0.9999998
## 17528	3	0.9999999
## 17529	2	0.9999999
## 17530	3	0.9999999
## 17531	2	0.9999999
## 17532	2	0.9999999
## 17533	3	0.9999999
## 17534	4	0.9999999
## 17535	3	0.9999999
## 17536	2	0.9999999
## 17537	2	0.9999999
## 17538	4	0.9999998
## 17539	4	0.9999999
## 17540	2	0.9999999
## 17541	4	0.9999999
## 17542	3	0.9999999
## 17543	2	0.9999999
## 17544	2	0.9999999
## 17545	3	0.9999999
## 17546	3	0.9999999
## 17547	3	0.9999999
## 17548	2	0.9999999
## 17549	2	0.9999999
## 17550	2	0.9999999
## 17551	1	0.9999999
## 17552	3	0.9999999
## 17553	2	0.9999999
## 17554	2	0.9999999
## 17555	2	0.9999999
## 17556	4	0.9999999
## 17557	3	0.9999999
## 17558	2	0.9999999
## 17559	4	0.9999999
## 17560	2	0.9999999
## 17561	2	0.9999999
## 17562	3	0.9999999
## 17563	4	0.9999999
## 17564	3	0.9999999
## 17565	3	0.9999999
## 17566	2	0.9999999
## 17567	2	0.9999999
## 17568	3	0.9999999
## 17569	4	0.9999999
## 17570	3	0.9999999
## 17571	2	0.9999999
## 17572	1	0.9999999
## 17573	0	0.9999999
## 17574	3	0.9999999
## 17575	3	0.9999999
## 17576	2	0.9999999
## 17577	1	0.9999999
## 17578	2	0.9999999
## 17579	4	0.9999999

## 17580	3	0.9999999
## 17581	3	0.9999999
## 17582	2	0.9999999
## 17583	4	0.9999999
## 17584	4	0.9999999
## 17585	3	0.9999999
## 17586	2	0.9999999
## 17587	4	0.9999999
## 17588	0	0.9999999
## 17589	1	0.9999999
## 17590	2	0.9999999
## 17591	2	0.9999999
## 17592	2	0.9999999
## 17593	3	0.9999999
## 17594	1	0.9999999
## 17595	4	0.9999999
## 17596	2	0.9999999
## 17597	2	0.9999999
## 17598	2	0.9999999
## 17599	2	0.9999999
## 17600	4	0.9999999
## 17601	2	0.9999999
## 17602	2	0.9999999
## 17603	2	0.9999998
## 17604	3	0.9999999
## 17605	1	0.9999999
## 17606	4	0.9999999
## 17607	1	0.9999999
## 17608	3	0.9999999
## 17609	2	0.9999999
## 17610	1	0.9999999
## 17611	2	0.9999999
## 17612	2	0.9999999
## 17613	3	0.9999999
## 17614	4	0.9999999
## 17615	2	0.9999999
## 17616	2	0.9999999
## 17617	2	0.9999999
## 17618	1	0.9999999
## 17619	4	0.9999999
## 17620	3	0.9999999
## 17621	4	0.9999998
## 17622	2	0.9999999
## 17623	2	0.9999999
## 17624	3	0.9999999
## 17625	2	0.9999999
## 17626	4	0.9999999
## 17627	2	0.9999999
## 17628	3	0.9999999
## 17629	4	0.9999999
## 17630	4	0.9999999
## 17631	4	0.9999999
## 17632	2	0.9999999
## 17633	3	0.9999999

## 17634	3	0.9999999
## 17635	3	0.9999999
## 17636	1	0.9999999
## 17637	4	0.9999999
## 17638	2	0.9999999
## 17639	3	0.9999999
## 17640	2	0.9999999
## 17641	3	0.9999999
## 17642	3	0.9999999
## 17643	2	0.9999999
## 17644	3	0.9999999
## 17645	3	0.9999999
## 17646	1	0.9999999
## 17647	2	0.9999999
## 17648	2	0.9999999
## 17649	4	0.9999999
## 17650	3	0.9999999
## 17651	2	0.9999999
## 17652	2	0.9999999
## 17653	2	0.9999999
## 17654	3	0.9999999
## 17655	4	0.9999999
## 17656	4	0.9999999
## 17657	1	0.9999999
## 17658	4	0.9999999
## 17659	2	0.9999999
## 17660	2	0.9999999
## 17661	3	0.9999999
## 17662	1	0.9999999
## 17663	1	0.9999999
## 17664	2	0.9999999
## 17665	2	0.9999999
## 17666	2	0.9999999
## 17667	2	0.9999999
## 17668	3	0.9999999
## 17669	3	0.9999999
## 17670	3	0.9999999
## 17671	4	0.9999998
## 17672	3	0.9999999
## 17673	3	0.9999999
## 17674	3	0.9999998
## 17675	2	0.9999999
## 17676	2	0.9999999
## 17677	4	0.9999999
## 17678	2	0.9999999
## 17679	2	0.9999999
## 17680	2	0.9999999
## 17681	3	0.9999999
## 17682	2	0.9999999
## 17683	2	0.9999999
## 17684	3	0.9999999
## 17685	4	0.9999999
## 17686	4	0.9999999
## 17687	2	0.9999998

## 17688	2	0.9999999
## 17689	4	0.9999999
## 17690	2	0.9999999
## 17691	2	0.9999999
## 17692	3	0.9999999
## 17693	4	0.9999999
## 17694	2	0.9999999
## 17695	4	0.9999999
## 17696	2	0.9999999
## 17697	3	0.9999999
## 17698	2	0.9999999
## 17699	4	0.9999999
## 17700	2	0.9999999
## 17701	2	0.9999999
## 17702	2	0.9999999
## 17703	4	0.9999999
## 17704	2	0.9999999
## 17705	2	0.9999999
## 17706	2	0.9999999
## 17707	4	0.9999999
## 17708	1	0.9999999
## 17709	4	0.9999998
## 17710	2	0.9999999
## 17711	4	0.9999999
## 17712	2	0.9999999
## 17713	4	0.9999999
## 17714	4	0.9999999
## 17715	1	0.9999999
## 17716	3	0.9999999
## 17717	3	0.9999998
## 17718	3	0.9999999
## 17719	1	0.9999999
## 17720	3	0.9999999
## 17721	0	0.9999999
## 17722	3	0.9999999
## 17723	4	0.9999999
## 17724	2	0.9999999
## 17725	4	0.9999999
## 17726	3	0.9999999
## 17727	3	0.9999999
## 17728	4	0.9999999
## 17729	2	0.9999999
## 17730	2	0.9999999
## 17731	3	0.9999999
## 17732	2	0.9999999
## 17733	3	0.9999999
## 17734	3	0.9999998
## 17735	2	0.9999999
## 17736	3	0.9999999
## 17737	2	0.9999999
## 17738	2	0.9999999
## 17739	4	0.9999999
## 17740	2	0.9999999
## 17741	1	0.9999999

## 17742	4	0.9999999
## 17743	4	0.9999999
## 17744	3	0.9999999
## 17745	2	0.9999999
## 17746	2	0.9999999
## 17747	3	0.9999999
## 17748	0	0.9999999
## 17749	1	0.9999999
## 17750	2	0.9999999
## 17751	3	0.9999999
## 17752	3	0.9999999
## 17753	2	0.9999999
## 17754	1	0.9999999
## 17755	4	0.9999999
## 17756	2	0.9999999
## 17757	4	0.9999999
## 17758	2	0.9999999
## 17759	2	0.9999999
## 17760	0	0.9999999
## 17761	2	0.9999999
## 17762	4	0.9999999
## 17763	2	0.9999999
## 17764	2	0.9999999
## 17765	3	0.9999999
## 17766	2	0.9999998
## 17767	2	0.9999999
## 17768	3	0.9999999
## 17769	3	0.9999999
## 17770	2	0.9999999
## 17771	3	0.9999999
## 17772	3	0.9999998
## 17773	3	0.9999999
## 17774	1	0.9999999
## 17775	1	0.9999999
## 17776	3	0.9999999
## 17777	4	0.9999999
## 17778	3	0.9999999
## 17779	3	0.9999999
## 17780	2	0.9999999
## 17781	1	0.9999999
## 17782	3	0.9999999
## 17783	2	0.9999999
## 17784	2	0.9999999
## 17785	4	0.9999999
## 17786	3	0.9999999
## 17787	2	0.9999999
## 17788	2	0.9999999
## 17789	3	0.9999999
## 17790	4	0.9999999
## 17791	2	0.9999999
## 17792	2	0.9999999
## 17793	4	0.9999999
## 17794	2	0.9999999
## 17795	4	0.9999999

## 17796	2	0.9999999
## 17797	3	0.9999999
## 17798	2	0.9999999
## 17799	4	0.9999999
## 17800	4	0.9999999
## 17801	0	0.9999999
## 17802	3	0.9999999
## 17803	3	0.9999999
## 17804	2	0.9999999
## 17805	1	0.9999999
## 17806	4	0.9999999
## 17807	4	0.9999999
## 17808	3	0.9999999
## 17809	2	0.9999999
## 17810	4	0.9999999
## 17811	2	0.9999998
## 17812	4	0.9999999
## 17813	4	0.9999999
## 17814	2	0.9999999
## 17815	3	0.9999999
## 17816	2	0.9999999
## 17817	2	0.9999999
## 17818	2	0.9999999
## 17819	2	0.9999999
## 17820	4	0.9999999
## 17821	4	0.9999999
## 17822	4	0.9999999
## 17823	2	0.9999998
## 17824	2	0.9999999
## 17825	2	0.9999999
## 17826	2	0.9999999
## 17827	2	0.9999999
## 17828	3	0.9999999
## 17829	2	0.9999999
## 17830	3	0.9999999
## 17831	2	0.9999999
## 17832	4	0.9999999
## 17833	1	0.9999999
## 17834	2	0.9999999
## 17835	2	0.9999999
## 17836	2	0.9999999
## 17837	2	0.9999999
## 17838	4	0.9999999
## 17839	2	0.9999999
## 17840	1	0.9999999
## 17841	3	0.9999999
## 17842	2	0.9999999
## 17843	4	0.9999999
## 17844	4	0.9999999
## 17845	2	0.9999999
## 17846	4	0.9999999
## 17847	1	0.9999999
## 17848	4	0.9999999
## 17849	2	0.9999999

## 17850	4	0.9999999
## 17851	1	0.9999999
## 17852	3	0.9999999
## 17853	2	0.9999999
## 17854	2	0.9999999
## 17855	4	0.9999999
## 17856	2	0.9999999
## 17857	2	0.9999999
## 17858	4	0.9999999
## 17859	3	0.9999999
## 17860	4	0.9999999
## 17861	2	0.9999999
## 17862	2	0.9999999
## 17863	3	0.9999999
## 17864	3	0.9999999
## 17865	2	0.9999999
## 17866	3	0.9999999
## 17867	4	0.9999999
## 17868	4	0.9999999
## 17869	4	0.9999999
## 17870	2	0.9999999
## 17871	3	0.9999999
## 17872	4	0.9999999
## 17873	2	0.9999999
## 17874	3	0.9999999
## 17875	3	0.9999999
## 17876	2	0.9999999
## 17877	2	0.9999999
## 17878	2	0.9999999
## 17879	2	0.9999999
## 17880	2	0.9999999
## 17881	3	0.9999999
## 17882	2	0.9999999
## 17883	4	0.9999999
## 17884	0	0.9999999
## 17885	2	0.9999999
## 17886	2	0.9999999
## 17887	2	0.9999999
## 17888	1	0.9999999
## 17889	3	0.9999999
## 17890	4	0.9999999
## 17891	1	0.9999999
## 17892	2	0.9999999
## 17893	4	0.9999999
## 17894	2	0.9999999
## 17895	2	0.9999999
## 17896	1	0.9999999
## 17897	0	0.9999999
## 17898	2	0.9999999
## 17899	2	0.9999999
## 17900	2	0.9999999
## 17901	2	0.9999999
## 17902	2	0.9999999
## 17903	2	0.9999999

## 17904	1	0.9999999
## 17905	0	0.9999999
## 17906	4	0.9999999
## 17907	2	0.9999999
## 17908	2	0.9999999
## 17909	4	0.9999999
## 17910	2	0.9999999
## 17911	3	0.9999998
## 17912	2	0.9999999
## 17913	2	0.9999999
## 17914	2	0.9999999
## 17915	1	0.9999999
## 17916	1	0.9999999
## 17917	3	0.9999999
## 17918	3	0.9999999
## 17919	3	0.9999999
## 17920	2	0.9999999
## 17921	2	0.9999999
## 17922	1	0.9999999
## 17923	3	0.9999999
## 17924	3	0.9999999
## 17925	2	0.9999998
## 17926	3	0.9999999
## 17927	2	0.9999999
## 17928	3	0.9999999
## 17929	2	0.9999999
## 17930	4	0.9999999
## 17931	3	0.9999999
## 17932	2	0.9999999
## 17933	2	0.9999999
## 17934	4	0.9999999
## 17935	2	0.9999999
## 17936	2	0.9999999
## 17937	2	0.9999999
## 17938	3	0.9999999
## 17939	3	0.9999999
## 17940	3	0.9999999
## 17941	2	0.9999998
## 17942	4	0.9999999
## 17943	4	0.9999999
## 17944	3	0.9999999
## 17945	2	0.9999999
## 17946	4	0.9999999
## 17947	2	0.9999999
## 17948	2	0.9999999
## 17949	3	0.9999999
## 17950	3	0.9999999
## 17951	2	0.9999999
## 17952	3	0.9999999
## 17953	4	0.9999998
## 17954	1	0.9999999
## 17955	3	0.9999999
## 17956	2	0.9999999
## 17957	3	0.9999999

## 17958	3	0.9999999
## 17959	1	0.9999999
## 17960	4	0.9999999
## 17961	2	0.9999999
## 17962	2	0.9999999
## 17963	3	0.9999999
## 17964	3	0.9999999
## 17965	1	0.9999999
## 17966	2	0.9999999
## 17967	3	0.9999998
## 17968	3	0.9999999
## 17969	3	0.9999999
## 17970	4	0.9999999
## 17971	3	0.9999999
## 17972	1	0.9999999
## 17973	2	0.9999999
## 17974	2	0.9999999
## 17975	2	0.9999999
## 17976	1	0.9999998
## 17977	1	0.9999999
## 17978	2	0.9999999
## 17979	4	0.9999999
## 17980	4	0.9999999
## 17981	1	0.9999999
## 17982	3	0.9999999
## 17983	0	0.9999999
## 17984	2	0.9999999
## 17985	1	0.9999998
## 17986	2	0.9999999
## 17987	3	0.9999999
## 17988	2	0.9999999
## 17989	4	0.9999998
## 17990	4	0.9999999
## 17991	3	0.9999999
## 17992	3	0.9999998
## 17993	0	0.9999999
## 17994	4	0.9999999
## 17995	3	0.9999999
## 17996	3	0.9999999
## 17997	3	0.9999999
## 17998	3	0.9999999
## 17999	2	0.9999999
## 18000	0	0.9999999
## 18001	4	0.9999999
## 18002	2	0.9999999
## 18003	3	0.9999999
## 18004	4	0.9999999
## 18005	4	0.9999999
## 18006	2	0.9999999
## 18007	2	0.9999999
## 18008	2	0.9999999
## 18009	2	0.9999999
## 18010	2	0.9999999
## 18011	4	0.9999999

## 18012	4	0.9999999
## 18013	3	0.9999999
## 18014	1	0.9999999
## 18015	4	0.9999999
## 18016	3	0.9999999
## 18017	2	0.9999999
## 18018	4	0.9999999
## 18019	3	0.9999999
## 18020	2	0.9999999
## 18021	3	0.9999999
## 18022	2	0.9999999
## 18023	3	0.9999999
## 18024	4	0.9999999
## 18025	4	0.9999999
## 18026	3	0.9999999
## 18027	4	0.9999999
## 18028	3	0.9999999
## 18029	1	0.9999999
## 18030	2	0.9999999
## 18031	2	0.9999998
## 18032	2	0.9999999
## 18033	4	0.9999999
## 18034	3	0.9999999
## 18035	1	0.9999999
## 18036	1	0.9999999
## 18037	4	0.9999999
## 18038	3	0.9999999
## 18039	1	0.9999999
## 18040	2	0.9999999
## 18041	2	0.9999999
## 18042	2	0.9999999
## 18043	3	0.9999999
## 18044	1	0.9999999
## 18045	2	0.9999998
## 18046	4	0.9999998
## 18047	2	0.9999999
## 18048	1	0.9999999
## 18049	2	0.9999999
## 18050	3	0.9999999
## 18051	3	0.9999998
## 18052	2	0.9999999
## 18053	3	0.9999999
## 18054	4	0.9999999
## 18055	4	0.9999999
## 18056	3	0.9999999
## 18057	2	0.9999999
## 18058	4	0.9999999
## 18059	3	0.9999999
## 18060	4	0.9999999
## 18061	3	0.9999999
## 18062	3	0.9999999
## 18063	2	0.9999999
## 18064	2	0.9999999
## 18065	4	0.9999999

## 18066	2	0.9999999
## 18067	3	0.9999999
## 18068	2	0.9999999
## 18069	1	0.9999999
## 18070	4	0.9999999
## 18071	4	0.9999999
## 18072	2	0.9999999
## 18073	2	0.9999999
## 18074	4	0.9999999
## 18075	2	0.9999999
## 18076	4	0.9999999
## 18077	3	0.9999999
## 18078	2	0.9999999
## 18079	2	0.9999999
## 18080	2	0.9999999
## 18081	2	0.9999999
## 18082	0	0.9999999
## 18083	3	0.9999999
## 18084	3	0.9999999
## 18085	4	0.9999999
## 18086	2	0.9999999
## 18087	2	0.9999999
## 18088	3	0.9999999
## 18089	2	0.9999998
## 18090	2	0.9999999
## 18091	4	0.9999999
## 18092	3	0.9999999
## 18093	2	0.9999999
## 18094	1	0.9999999
## 18095	3	0.9999999
## 18096	2	0.9999999
## 18097	2	0.9999999
## 18098	4	0.9999999
## 18099	2	0.9999999
## 18100	0	0.9999998
## 18101	2	0.9999999
## 18102	4	0.9999999
## 18103	2	0.9999999
## 18104	3	0.9999999
## 18105	4	0.9999998
## 18106	2	0.9999999
## 18107	2	0.9999999
## 18108	2	0.9999999
## 18109	1	0.9999999
## 18110	2	0.9999999
## 18111	2	0.9999999
## 18112	1	0.9999999
## 18113	3	0.9999999
## 18114	3	0.9999999
## 18115	4	0.9999999
## 18116	2	0.9999999
## 18117	0	0.9999999
## 18118	2	0.9999999
## 18119	2	0.9999999

## 18120	2	0.9999999
## 18121	2	0.9999999
## 18122	2	0.9999999
## 18123	2	0.9999999
## 18124	3	0.9999999
## 18125	3	0.9999999
## 18126	3	0.9999999
## 18127	3	0.9999999
## 18128	4	0.9999999
## 18129	4	0.9999999
## 18130	2	0.9999999
## 18131	1	0.9999999
## 18132	2	0.9999999
## 18133	4	0.9999999
## 18134	2	0.9999999
## 18135	2	0.9999999
## 18136	3	0.9999999
## 18137	4	0.9999998
## 18138	2	0.9999999
## 18139	0	0.9999999
## 18140	2	0.9999999
## 18141	2	0.9999999
## 18142	0	0.9999999
## 18143	4	0.9999999
## 18144	2	0.9999999
## 18145	4	0.9999999
## 18146	2	0.9999999
## 18147	4	0.9999999
## 18148	4	0.9999999
## 18149	1	0.9999999
## 18150	1	0.9999999
## 18151	4	0.9999999
## 18152	2	0.9999999
## 18153	2	0.9999999
## 18154	2	0.9999999
## 18155	4	0.9999999
## 18156	1	0.9999999
## 18157	3	0.9999999
## 18158	3	0.9999999
## 18159	3	0.9999999
## 18160	3	0.9999999
## 18161	2	0.9999999
## 18162	2	0.9999999
## 18163	3	0.9999999
## 18164	2	0.9999999
## 18165	3	0.9999999
## 18166	3	0.9999999
## 18167	1	0.9999999
## 18168	3	0.9999999
## 18169	2	0.9999999
## 18170	1	0.9999999
## 18171	2	0.9999999
## 18172	3	0.9999999
## 18173	3	0.9999999

## 18174	4	0.9999999
## 18175	2	0.9999999
## 18176	3	0.9999999
## 18177	3	0.9999999
## 18178	2	0.9999999
## 18179	2	0.9999999
## 18180	2	0.9999999
## 18181	1	0.9999999
## 18182	3	0.9999999
## 18183	2	0.9999999
## 18184	2	0.9999999
## 18185	4	0.9999999
## 18186	3	0.9999999
## 18187	2	0.9999999
## 18188	3	0.9999999
## 18189	3	0.9999999
## 18190	2	0.9999999
## 18191	4	0.9999999
## 18192	0	0.9999999
## 18193	2	0.9999999
## 18194	4	0.9999999
## 18195	4	0.9999999
## 18196	1	0.9999999
## 18197	2	0.9999999
## 18198	3	0.9999999
## 18199	1	0.9999998
## 18200	4	0.9999999
## 18201	4	0.9999999
## 18202	2	0.9999999
## 18203	3	0.9999999
## 18204	3	0.9999999
## 18205	2	0.9999999
## 18206	4	0.9999999
## 18207	4	0.9999999
## 18208	2	0.9999999
## 18209	3	0.9999999
## 18210	3	0.9999999
## 18211	4	0.9999999
## 18212	2	0.9999999
## 18213	4	0.9999999
## 18214	4	0.9999999
## 18215	3	0.9999999
## 18216	4	0.9999999
## 18217	3	0.9999999
## 18218	2	0.9999999
## 18219	3	0.9999999
## 18220	2	0.9999999
## 18221	1	0.9999999
## 18222	2	0.9999999
## 18223	4	0.9999999
## 18224	3	0.9999999
## 18225	4	0.9999999
## 18226	2	0.9999998
## 18227	1	0.9999999

## 18228	3	0.9999999
## 18229	2	0.9999999
## 18230	1	0.9999999
## 18231	4	0.9999999
## 18232	1	0.9999999
## 18233	3	0.9999999
## 18234	2	0.9999999
## 18235	2	0.9999999
## 18236	4	0.9999999
## 18237	2	0.9999999
## 18238	3	0.9999999
## 18239	4	0.9999999
## 18240	1	0.9999999
## 18241	3	0.9999999
## 18242	0	0.9999999
## 18243	2	0.9999999
## 18244	2	0.9999999
## 18245	2	0.9999999
## 18246	2	0.9999999
## 18247	2	0.9999999
## 18248	2	0.9999999
## 18249	2	0.9999999
## 18250	4	0.9999999
## 18251	3	0.9999999
## 18252	4	0.9999999
## 18253	2	0.9999998
## 18254	4	0.9999999
## 18255	4	0.9999999
## 18256	4	0.9999999
## 18257	2	0.9999999
## 18258	0	0.9999999
## 18259	4	0.9999999
## 18260	3	0.9999999
## 18261	2	0.9999999
## 18262	1	0.9999999
## 18263	3	0.9999999
## 18264	2	0.9999999
## 18265	2	0.9999999
## 18266	3	0.9999999
## 18267	0	0.9999999
## 18268	0	0.9999999
## 18269	4	0.9999999
## 18270	2	0.9999999
## 18271	3	0.9999999
## 18272	4	0.9999998
## 18273	4	0.9999999
## 18274	3	0.9999999
## 18275	3	0.9999999
## 18276	2	0.9999999
## 18277	4	0.9999999
## 18278	3	0.9999999
## 18279	2	0.9999999
## 18280	3	0.9999999
## 18281	2	0.9999999

## 18282	2	0.9999999
## 18283	1	0.9999999
## 18284	2	0.9999999
## 18285	3	0.9999999
## 18286	2	0.9999999
## 18287	2	0.9999999
## 18288	4	0.9999999
## 18289	4	0.9999999
## 18290	1	0.9999999
## 18291	2	0.9999999
## 18292	4	0.9999999
## 18293	4	0.9999999
## 18294	4	0.9999999
## 18295	2	0.9999999
## 18296	1	0.9999998
## 18297	2	0.9999999
## 18298	2	0.9999999
## 18299	2	0.9999999
## 18300	3	0.9999999
## 18301	2	0.9999999
## 18302	2	0.9999999
## 18303	2	0.9999999
## 18304	4	0.9999998
## 18305	3	0.9999999
## 18306	2	0.9999999
## 18307	0	0.9999999
## 18308	4	0.9999999
## 18309	2	0.9999999
## 18310	2	0.9999999
## 18311	4	0.9999999
## 18312	3	0.9999999
## 18313	4	0.9999999
## 18314	2	0.9999999
## 18315	2	0.9999999
## 18316	4	0.9999999
## 18317	4	0.9999999
## 18318	3	0.9999999
## 18319	3	0.9999999
## 18320	2	0.9999999
## 18321	4	0.9999999
## 18322	3	0.9999999
## 18323	4	0.9999999
## 18324	3	0.9999999
## 18325	4	0.9999999
## 18326	1	0.9999999
## 18327	2	0.9999999
## 18328	3	0.9999999
## 18329	3	0.9999999
## 18330	4	0.9999999
## 18331	3	0.9999999
## 18332	3	0.9999999
## 18333	2	0.9999999
## 18334	3	0.9999999
## 18335	3	0.9999999

## 18336	2	0.9999999
## 18337	1	0.9999999
## 18338	4	0.9999999
## 18339	3	0.9999999
## 18340	3	0.9999999
## 18341	2	0.9999999
## 18342	4	0.9999999
## 18343	1	0.9999998
## 18344	3	0.9999999
## 18345	2	0.9999999
## 18346	2	0.9999998
## 18347	3	0.9999999
## 18348	2	0.9999999
## 18349	0	0.9999998
## 18350	3	0.9999999
## 18351	3	0.9999999
## 18352	1	0.9999999
## 18353	2	0.9999999
## 18354	3	0.9999999
## 18355	3	0.9999999
## 18356	2	0.9999998
## 18357	3	0.9999999
## 18358	4	0.9999999
## 18359	0	0.9999999
## 18360	4	0.9999999
## 18361	3	0.9999999
## 18362	1	0.9999999
## 18363	2	0.9999999
## 18364	3	0.9999999
## 18365	4	0.9999999
## 18366	1	0.9999999
## 18367	3	0.9999999
## 18368	3	0.9999999
## 18369	1	0.9999999
## 18370	3	0.9999999
## 18371	4	0.9999999
## 18372	2	0.9999999
## 18373	2	0.9999999
## 18374	2	0.9999999
## 18375	2	0.9999999
## 18376	1	0.9999999
## 18377	3	0.9999999
## 18378	2	0.9999999
## 18379	3	0.9999999
## 18380	4	0.9999999
## 18381	3	0.9999999
## 18382	2	0.9999999
## 18383	3	0.9999999
## 18384	3	0.9999999
## 18385	0	0.9999999
## 18386	4	0.9999999
## 18387	4	0.9999999
## 18388	2	0.9999999
## 18389	1	0.9999999

## 18390	2	0.9999999
## 18391	1	0.9999999
## 18392	3	0.9999999
## 18393	2	0.9999999
## 18394	2	0.9999999
## 18395	4	0.9999999
## 18396	4	0.9999999
## 18397	4	0.9999999
## 18398	2	0.9999999
## 18399	3	0.9999999
## 18400	3	0.9999999
## 18401	2	0.9999999
## 18402	2	0.9999998
## 18403	2	0.9999999
## 18404	2	0.9999999
## 18405	4	0.9999999
## 18406	2	0.9999999
## 18407	2	0.9999999
## 18408	2	0.9999999
## 18409	3	0.9999999
## 18410	3	0.9999999
## 18411	1	0.9999999
## 18412	2	0.9999999
## 18413	2	0.9999999
## 18414	2	0.9999999
## 18415	3	0.9999999
## 18416	4	0.9999999
## 18417	2	0.9999999
## 18418	4	0.9999999
## 18419	2	0.9999999
## 18420	3	0.9999999
## 18421	2	0.9999999
## 18422	1	0.9999999
## 18423	2	0.9999999
## 18424	2	0.9999999
## 18425	1	0.9999999
## 18426	2	0.9999999
## 18427	2	0.9999999
## 18428	2	0.9999999
## 18429	3	0.9999999
## 18430	4	0.9999999
## 18431	4	0.9999999
## 18432	4	0.9999999
## 18433	4	0.9999999
## 18434	3	0.9999999
## 18435	2	0.9999999
## 18436	2	0.9999999
## 18437	2	0.9999999
## 18438	3	0.9999999
## 18439	1	0.9999998
## 18440	3	0.9999999
## 18441	4	0.9999999
## 18442	3	0.9999999
## 18443	4	0.9999999

## 18444	1	0.9999999
## 18445	2	0.9999999
## 18446	3	0.9999999
## 18447	4	0.9999999
## 18448	2	0.9999999
## 18449	2	0.9999999
## 18450	2	0.9999998
## 18451	4	0.9999999
## 18452	2	0.9999999
## 18453	2	0.9999999
## 18454	3	0.9999999
## 18455	3	0.9999999
## 18456	4	0.9999999
## 18457	2	0.9999999
## 18458	1	0.9999999
## 18459	3	0.9999999
## 18460	2	0.9999999
## 18461	2	0.9999999
## 18462	3	0.9999999
## 18463	4	0.9999999
## 18464	4	0.9999999
## 18465	2	0.9999999
## 18466	4	0.9999999
## 18467	2	0.9999999
## 18468	2	0.9999999
## 18469	4	0.9999999
## 18470	4	0.9999999
## 18471	4	0.9999999
## 18472	2	0.9999999
## 18473	2	0.9999999
## 18474	4	0.9999999
## 18475	2	0.9999999
## 18476	2	0.9999999
## 18477	1	0.9999999
## 18478	3	0.9999999
## 18479	2	0.9999999
## 18480	2	0.9999999
## 18481	3	0.9999999
## 18482	2	0.9999999
## 18483	4	0.9999999
## 18484	2	0.9999999
## 18485	4	0.9999999
## 18486	2	0.9999999
## 18487	4	0.9999999
## 18488	4	0.9999999
## 18489	2	0.9999999
## 18490	3	0.9999999
## 18491	4	0.9999999
## 18492	2	0.9999999
## 18493	4	0.9999999
## 18494	2	0.9999999
## 18495	2	0.9999999
## 18496	3	0.9999999
## 18497	2	0.9999999

## 18498	2	0.9999999
## 18499	2	0.9999999
## 18500	3	0.9999999
## 18501	3	0.9999999
## 18502	3	0.9999999
## 18503	2	0.9999999
## 18504	2	0.9999999
## 18505	2	0.9999999
## 18506	3	0.9999999
## 18507	2	0.9999999
## 18508	4	0.9999999
## 18509	1	0.9999999
## 18510	3	0.9999999
## 18511	2	0.9999999
## 18512	2	0.9999999
## 18513	0	0.9999999
## 18514	4	0.9999999
## 18515	3	0.9999999
## 18516	3	0.9999999
## 18517	3	0.9999999
## 18518	1	0.9999999
## 18519	4	0.9999999
## 18520	3	0.9999999
## 18521	4	0.9999999
## 18522	2	0.9999999
## 18523	4	0.9999999
## 18524	2	0.9999999
## 18525	3	0.9999999
## 18526	1	0.9999999
## 18527	2	0.9999999
## 18528	3	0.9999999
## 18529	3	0.9999999
## 18530	3	0.9999999
## 18531	2	0.9999999
## 18532	4	0.9999999
## 18533	2	0.9999999
## 18534	3	0.9999999
## 18535	2	0.9999999
## 18536	1	0.9999999
## 18537	2	0.9999999
## 18538	4	0.9999999
## 18539	2	0.9999999
## 18540	3	0.9999999
## 18541	2	0.9999999
## 18542	2	0.9999999
## 18543	4	0.9999999
## 18544	3	0.9999999
## 18545	3	0.9999999
## 18546	4	0.9999999
## 18547	3	0.9999999
## 18548	1	0.9999999
## 18549	4	0.9999999
## 18550	2	0.9999999
## 18551	3	0.9999999

## 18552	3	0.9999999
## 18553	4	0.9999998
## 18554	2	0.9999999
## 18555	2	0.9999999
## 18556	2	0.9999999
## 18557	3	0.9999999
## 18558	2	0.9999999
## 18559	4	0.9999999
## 18560	3	0.9999999
## 18561	3	0.9999999
## 18562	2	0.9999999
## 18563	2	0.9999999
## 18564	4	0.9999999
## 18565	2	0.9999999
## 18566	1	0.9999999
## 18567	2	0.9999999
## 18568	4	0.9999999
## 18569	2	0.9999999
## 18570	2	0.9999999
## 18571	1	0.9999999
## 18572	3	0.9999999
## 18573	3	0.9999999
## 18574	3	0.9999999
## 18575	3	0.9999999
## 18576	4	0.9999999
## 18577	3	0.9999999
## 18578	2	0.9999999
## 18579	4	0.9999999
## 18580	2	0.9999999
## 18581	2	0.9999999
## 18582	3	0.9999999
## 18583	4	0.9999999
## 18584	2	0.9999999
## 18585	3	0.9999999
## 18586	2	0.9999999
## 18587	2	0.9999998
## 18588	4	0.9999999
## 18589	4	0.9999999
## 18590	3	0.9999998
## 18591	3	0.9999999
## 18592	2	0.9999999
## 18593	4	0.9999999
## 18594	1	0.9999999
## 18595	3	0.9999999
## 18596	4	0.9999999
## 18597	2	0.9999998
## 18598	4	0.9999999
## 18599	4	0.9999999
## 18600	4	0.9999999
## 18601	3	0.9999999
## 18602	2	0.9999999
## 18603	2	0.9999999
## 18604	2	0.9999999
## 18605	3	0.9999999

## 18606	2	0.9999999
## 18607	3	0.9999999
## 18608	4	0.9999999
## 18609	4	0.9999999
## 18610	3	0.9999999
## 18611	1	0.9999998
## 18612	3	0.9999999
## 18613	2	0.9999999
## 18614	4	0.9999999
## 18615	4	0.9999999
## 18616	3	0.9999999
## 18617	2	0.9999999
## 18618	2	0.9999999
## 18619	3	0.9999999
## 18620	4	0.9999999
## 18621	1	0.9999999
## 18622	4	0.9999999
## 18623	2	0.9999999
## 18624	3	0.9999999
## 18625	1	0.9999999
## 18626	3	0.9999999
## 18627	4	0.9999999
## 18628	4	0.9999999
## 18629	1	0.9999999
## 18630	2	0.9999999
## 18631	4	0.9999999
## 18632	2	0.9999999
## 18633	3	0.9999999
## 18634	2	0.9999999
## 18635	1	0.9999998
## 18636	2	0.9999999
## 18637	2	0.9999999
## 18638	3	0.9999999
## 18639	2	0.9999999
## 18640	2	0.9999999
## 18641	3	0.9999999
## 18642	2	0.9999999
## 18643	2	0.9999999
## 18644	0	0.9999999
## 18645	3	0.9999999
## 18646	3	0.9999999
## 18647	1	0.9999999
## 18648	2	0.9999999
## 18649	2	0.9999998
## 18650	4	0.9999999
## 18651	3	0.9999999
## 18652	4	0.9999999
## 18653	2	0.9999999
## 18654	4	0.9999999
## 18655	3	0.9999999
## 18656	3	0.9999999
## 18657	3	0.9999999
## 18658	2	0.9999999
## 18659	2	0.9999999

## 18660	2	0.9999999
## 18661	2	0.9999999
## 18662	2	0.9999999
## 18663	3	0.9999999
## 18664	2	0.9999999
## 18665	2	0.9999999
## 18666	2	0.9999999
## 18667	3	0.9999999
## 18668	3	0.9999999
## 18669	3	0.9999999
## 18670	4	0.9999999
## 18671	3	0.9999999
## 18672	4	0.9999999
## 18673	3	0.9999999
## 18674	3	0.9999999
## 18675	2	0.9999999
## 18676	3	0.9999999
## 18677	2	0.9999999
## 18678	4	0.9999999
## 18679	4	0.9999999
## 18680	1	0.9999999
## 18681	2	0.9999999
## 18682	1	0.9999998
## 18683	2	0.9999999
## 18684	3	0.9999999
## 18685	2	0.9999999
## 18686	2	0.9999999
## 18687	3	0.9999999
## 18688	2	0.9999999
## 18689	1	0.9999999
## 18690	3	0.9999999
## 18691	1	0.9999999
## 18692	2	0.9999999
## 18693	2	0.9999999
## 18694	2	0.9999999
## 18695	0	0.9999999
## 18696	2	0.9999999
## 18697	2	0.9999999
## 18698	4	0.9999999
## 18699	4	0.9999999
## 18700	1	0.9999999
## 18701	3	0.9999999
## 18702	3	0.9999999
## 18703	4	0.9999999
## 18704	2	0.9999999
## 18705	4	0.9999999
## 18706	4	0.9999999
## 18707	4	0.9999999
## 18708	3	0.9999999
## 18709	4	0.9999999
## 18710	2	0.9999999
## 18711	1	0.9999999
## 18712	2	0.9999999
## 18713	1	0.9999999

## 18714	2	0.9999999
## 18715	2	0.9999999
## 18716	2	0.9999999
## 18717	4	0.9999999
## 18718	1	0.9999999
## 18719	0	0.9999999
## 18720	1	0.9999999
## 18721	2	0.9999999
## 18722	2	0.9999999
## 18723	0	0.9999999
## 18724	4	0.9999999
## 18725	3	0.9999999
## 18726	2	0.9999999
## 18727	2	0.9999999
## 18728	4	0.9999999
## 18729	1	0.9999999
## 18730	2	0.9999999
## 18731	2	0.9999999
## 18732	2	0.9999998
## 18733	4	0.9999999
## 18734	2	0.9999999
## 18735	2	0.9999999
## 18736	2	0.9999999
## 18737	3	0.9999999
## 18738	3	0.9999999
## 18739	2	0.9999999
## 18740	2	0.9999999
## 18741	4	0.9999999
## 18742	4	0.9999999
## 18743	4	0.9999999
## 18744	0	0.9999999
## 18745	2	0.9999999
## 18746	3	0.9999999
## 18747	2	0.9999999
## 18748	0	0.9999999
## 18749	4	0.9999999
## 18750	3	0.9999999
## 18751	1	0.9999999
## 18752	3	0.9999999
## 18753	3	0.9999999
## 18754	2	0.9999999
## 18755	4	0.9999999
## 18756	2	0.9999998
## 18757	2	0.9999999
## 18758	2	0.9999999
## 18759	4	0.9999999
## 18760	2	0.9999999
## 18761	3	0.9999999
## 18762	0	0.9999999
## 18763	4	0.9999999
## 18764	1	0.9999999
## 18765	2	0.9999999
## 18766	2	0.9999999
## 18767	1	0.9999999

## 18768	2	0.9999999
## 18769	2	0.9999999
## 18770	3	0.9999999
## 18771	3	0.9999999
## 18772	2	0.9999999
## 18773	3	0.9999999
## 18774	0	0.9999999
## 18775	1	0.9999999
## 18776	2	0.9999999
## 18777	3	0.9999999
## 18778	4	0.9999999
## 18779	2	0.9999999
## 18780	3	0.9999999
## 18781	2	0.9999999
## 18782	2	0.9999999
## 18783	4	0.9999999
## 18784	2	0.9999999
## 18785	4	0.9999999
## 18786	2	0.9999999
## 18787	3	0.9999999
## 18788	4	0.9999999
## 18789	3	0.9999999
## 18790	3	0.9999999
## 18791	2	0.9999999
## 18792	0	0.9999999
## 18793	2	0.9999999
## 18794	2	0.9999999
## 18795	4	0.9999999
## 18796	3	0.9999999
## 18797	4	0.9999999
## 18798	3	0.9999999
## 18799	2	0.9999999
## 18800	4	0.9999999
## 18801	2	0.9999999
## 18802	2	0.9999999
## 18803	4	0.9999999
## 18804	2	0.9999999
## 18805	2	0.9999999
## 18806	2	0.9999999
## 18807	3	0.9999999
## 18808	4	0.9999999
## 18809	4	0.9999999
## 18810	1	0.9999999
## 18811	2	0.9999999
## 18812	2	0.9999999
## 18813	1	0.9999999
## 18814	4	0.9999999
## 18815	3	0.9999999
## 18816	3	0.9999999
## 18817	2	0.9999999
## 18818	2	0.9999999
## 18819	3	0.9999999
## 18820	2	0.9999999
## 18821	1	0.9999999

## 18822	2	0.9999999
## 18823	3	0.9999999
## 18824	3	0.9999999
## 18825	0	0.9999999
## 18826	2	0.9999999
## 18827	2	0.9999999
## 18828	3	0.9999999
## 18829	3	0.9999999
## 18830	2	0.9999999
## 18831	3	0.9999999
## 18832	3	0.9999999
## 18833	2	0.9999999
## 18834	2	0.9999999
## 18835	2	0.9999999
## 18836	4	0.9999999
## 18837	2	0.9999999
## 18838	3	0.9999999
## 18839	3	0.9999999
## 18840	3	0.9999999
## 18841	2	0.9999999
## 18842	3	0.9999999
## 18843	3	0.9999999
## 18844	2	0.9999999
## 18845	3	0.9999999
## 18846	2	0.9999999
## 18847	2	0.9999999
## 18848	2	0.9999999
## 18849	4	0.9999999
## 18850	2	0.9999999
## 18851	2	0.9999999
## 18852	2	0.9999999
## 18853	3	0.9999999
## 18854	2	0.9999999
## 18855	4	0.9999999
## 18856	0	0.9999999
## 18857	4	0.9999999
## 18858	3	0.9999999
## 18859	4	0.9999999
## 18860	2	0.9999999
## 18861	2	0.9999999
## 18862	2	0.9999999
## 18863	2	0.9999999
## 18864	1	0.9999998
## 18865	2	0.9999999
## 18866	2	0.9999999
## 18867	4	0.9999999
## 18868	2	0.9999999
## 18869	3	0.9999999
## 18870	2	0.9999999
## 18871	3	0.9999999
## 18872	2	0.9999999
## 18873	2	0.9999998
## 18874	3	0.9999999
## 18875	2	0.9999999

## 18876	4	0.9999999
## 18877	1	0.9999999
## 18878	3	0.9999999
## 18879	2	0.9999999
## 18880	4	0.9999999
## 18881	2	0.9999999
## 18882	2	0.9999999
## 18883	4	0.9999999
## 18884	3	0.9999999
## 18885	2	0.9999999
## 18886	4	0.9999999
## 18887	4	0.9999999
## 18888	3	0.9999999
## 18889	2	0.9999999
## 18890	1	0.9999999
## 18891	2	0.9999999
## 18892	2	0.9999999
## 18893	2	0.9999999
## 18894	2	0.9999999
## 18895	4	0.9999999
## 18896	1	0.9999999
## 18897	2	0.9999999
## 18898	2	0.9999999
## 18899	3	0.9999999
## 18900	0	0.9999999
## 18901	2	0.9999999
## 18902	4	0.9999999
## 18903	1	0.9999999
## 18904	2	0.9999999
## 18905	2	0.9999999
## 18906	2	0.9999999
## 18907	2	0.9999999
## 18908	4	0.9999999
## 18909	2	0.9999999
## 18910	2	0.9999999
## 18911	2	0.9999999
## 18912	2	0.9999999
## 18913	3	0.9999999
## 18914	2	0.9999999
## 18915	3	0.9999999
## 18916	2	0.9999999
## 18917	2	0.9999999
## 18918	3	0.9999999
## 18919	2	0.9999999
## 18920	2	0.9999999
## 18921	2	0.9999999
## 18922	2	0.9999999
## 18923	3	0.9999999
## 18924	4	0.9999999
## 18925	2	0.9999999
## 18926	2	0.9999999
## 18927	2	0.9999998
## 18928	2	0.9999999
## 18929	2	0.9999999

## 18930	2	0.9999999
## 18931	2	0.9999999
## 18932	2	0.9999999
## 18933	1	0.9999999
## 18934	2	0.9999999
## 18935	4	0.9999999
## 18936	2	0.9999999
## 18937	4	0.9999999
## 18938	2	0.9999999
## 18939	2	0.9999999
## 18940	2	0.9999999
## 18941	3	0.9999999
## 18942	3	0.9999999
## 18943	1	0.9999999
## 18944	3	0.9999999
## 18945	2	0.9999999
## 18946	2	0.9999999
## 18947	2	0.9999999
## 18948	3	0.9999999
## 18949	4	0.9999999
## 18950	2	0.9999999
## 18951	4	0.9999999
## 18952	3	0.9999999
## 18953	2	0.9999999
## 18954	3	0.9999999
## 18955	2	0.9999999
## 18956	1	0.9999999
## 18957	3	0.9999999
## 18958	2	0.9999999
## 18959	3	0.9999999
## 18960	2	0.9999999
## 18961	2	0.9999999
## 18962	3	0.9999998
## 18963	4	0.9999999
## 18964	4	0.9999999
## 18965	4	0.9999999
## 18966	2	0.9999999
## 18967	2	0.9999999
## 18968	4	0.9999999
## 18969	3	0.9999999
## 18970	3	0.9999999
## 18971	1	0.9999999
## 18972	3	0.9999999
## 18973	2	0.9999999
## 18974	4	0.9999999
## 18975	2	0.9999999
## 18976	3	0.9999999
## 18977	3	0.9999999
## 18978	2	0.9999999
## 18979	3	0.9999999
## 18980	2	0.9999999
## 18981	1	0.9999999
## 18982	2	0.9999999
## 18983	2	0.9999999

## 18984	4	0.9999999
## 18985	2	0.9999999
## 18986	3	0.9999999
## 18987	2	0.9999999
## 18988	2	0.9999999
## 18989	2	0.9999999
## 18990	2	0.9999999
## 18991	2	0.9999999
## 18992	2	0.9999999
## 18993	2	0.9999999
## 18994	1	0.9999999
## 18995	1	0.9999999
## 18996	2	0.9999999
## 18997	3	0.9999998
## 18998	3	0.9999999
## 18999	2	0.9999999
## 19000	2	0.9999999
## 19001	2	0.9999998
## 19002	4	0.9999999
## 19003	2	0.9999999
## 19004	3	0.9999998
## 19005	3	0.9999998
## 19006	3	0.9999999
## 19007	1	0.9999999
## 19008	2	0.9999999
## 19009	4	0.9999999
## 19010	2	0.9999999
## 19011	4	0.9999998
## 19012	3	0.9999999
## 19013	0	0.9999998
## 19014	2	0.9999999
## 19015	4	0.9999999
## 19016	2	0.9999999
## 19017	2	0.9999999
## 19018	4	0.9999999
## 19019	3	0.9999999
## 19020	0	0.9999999
## 19021	3	0.9999999
## 19022	4	0.9999999
## 19023	2	0.9999999
## 19024	3	0.9999999
## 19025	2	0.9999999
## 19026	3	0.9999999
## 19027	4	0.9999999
## 19028	2	0.9999999
## 19029	2	0.9999999
## 19030	2	0.9999999
## 19031	2	0.9999998
## 19032	3	0.9999999
## 19033	2	0.9999999
## 19034	2	0.9999999
## 19035	3	0.9999999
## 19036	3	0.9999999
## 19037	2	0.9999999

## 19038	2	0.9999999
## 19039	2	0.9999999
## 19040	2	0.9999999
## 19041	2	0.9999999
## 19042	1	0.9999999
## 19043	2	0.9999999
## 19044	2	0.9999999
## 19045	3	0.9999999
## 19046	3	0.9999999
## 19047	4	0.9999999
## 19048	2	0.9999999
## 19049	2	0.9999999
## 19050	2	0.9999999
## 19051	4	0.9999999
## 19052	1	0.9999999
## 19053	3	0.9999999
## 19054	2	0.9999999
## 19055	4	0.9999999
## 19056	0	0.9999999
## 19057	3	0.9999999
## 19058	2	0.9999999
## 19059	2	0.9999999
## 19060	2	0.9999999
## 19061	3	0.9999999
## 19062	1	0.9999999
## 19063	4	0.9999999
## 19064	4	0.9999999
## 19065	2	0.9999999
## 19066	4	0.9999999
## 19067	3	0.9999999
## 19068	2	0.9999999
## 19069	3	0.9999999
## 19070	2	0.9999999
## 19071	4	0.9999999
## 19072	4	0.9999999
## 19073	3	0.9999999
## 19074	3	0.9999999
## 19075	3	0.9999999
## 19076	1	0.9999999
## 19077	1	0.9999999
## 19078	4	0.9999999
## 19079	1	0.9999999
## 19080	2	0.9999999
## 19081	3	0.9999999
## 19082	2	0.9999999
## 19083	2	0.9999999
## 19084	2	0.9999999
## 19085	2	0.9999999
## 19086	3	0.9999999
## 19087	3	0.9999999
## 19088	3	0.9999999
## 19089	1	0.9999999
## 19090	2	0.9999999
## 19091	2	0.9999999

## 19092	3	0.9999999
## 19093	2	0.9999999
## 19094	3	0.9999999
## 19095	4	0.9999999
## 19096	1	0.9999998
## 19097	1	0.9999999
## 19098	3	0.9999999
## 19099	2	0.9999999
## 19100	3	0.9999998
## 19101	1	0.9999999
## 19102	3	0.9999999
## 19103	3	0.9999999
## 19104	2	0.9999999
## 19105	3	0.9999999
## 19106	3	0.9999999
## 19107	3	0.9999999
## 19108	1	0.9999999
## 19109	4	0.9999999
## 19110	4	0.9999999
## 19111	3	0.9999999
## 19112	3	0.9999999
## 19113	4	0.9999999
## 19114	2	0.9999999
## 19115	2	0.9999998
## 19116	2	0.9999999
## 19117	3	0.9999999
## 19118	1	0.9999998
## 19119	4	0.9999999
## 19120	3	0.9999999
## 19121	4	0.9999999
## 19122	4	0.9999999
## 19123	2	0.9999999
## 19124	3	0.9999999
## 19125	3	0.9999999
## 19126	3	0.9999999
## 19127	3	0.9999999
## 19128	3	0.9999999
## 19129	2	0.9999999
## 19130	2	0.9999998
## 19131	2	0.9999999
## 19132	2	0.9999999
## 19133	1	0.9999999
## 19134	1	0.9999999
## 19135	2	0.9999999
## 19136	4	0.9999999
## 19137	4	0.9999999
## 19138	2	0.9999998
## 19139	4	0.9999999
## 19140	2	0.9999999
## 19141	0	0.9999999
## 19142	3	0.9999999
## 19143	2	0.9999999
## 19144	1	0.9999998
## 19145	2	0.9999999

## 19146	1	0.9999999
## 19147	4	0.9999999
## 19148	4	0.9999999
## 19149	2	0.9999999
## 19150	1	0.9999999
## 19151	4	0.9999999
## 19152	3	0.9999999
## 19153	3	0.9999999
## 19154	4	0.9999999
## 19155	2	0.9999999
## 19156	3	0.9999999
## 19157	3	0.9999999
## 19158	3	0.9999999
## 19159	2	0.9999999
## 19160	1	0.9999999
## 19161	4	0.9999999
## 19162	3	0.9999999
## 19163	0	0.9999999
## 19164	2	0.9999999
## 19165	4	0.9999999
## 19166	2	0.9999999
## 19167	3	0.9999999
## 19168	4	0.9999999
## 19169	2	0.9999999
## 19170	2	0.9999999
## 19171	4	0.9999999
## 19172	3	0.9999999
## 19173	1	0.9999998
## 19174	3	0.9999999
## 19175	2	0.9999999
## 19176	3	0.9999999
## 19177	3	0.9999999
## 19178	2	0.9999999
## 19179	1	0.9999999
## 19180	2	0.9999999
## 19181	4	0.9999999
## 19182	1	0.9999999
## 19183	4	0.9999999
## 19184	2	0.9999999
## 19185	4	0.9999999
## 19186	2	0.9999999
## 19187	2	0.9999999
## 19188	2	0.9999999
## 19189	3	0.9999999
## 19190	2	0.9999999
## 19191	4	0.9999999
## 19192	3	0.9999999
## 19193	2	0.9999999
## 19194	4	0.9999999
## 19195	1	0.9999999
## 19196	4	0.9999999
## 19197	4	0.9999999
## 19198	3	0.9999999
## 19199	3	0.9999999

## 19200	1	0.9999999
## 19201	3	0.9999999
## 19202	4	0.9999999
## 19203	3	0.9999999
## 19204	2	0.9999999
## 19205	1	0.9999999
## 19206	3	0.9999999
## 19207	4	0.9999999
## 19208	2	0.9999999
## 19209	4	0.9999998
## 19210	1	0.9999999
## 19211	3	0.9999999
## 19212	4	0.9999999
## 19213	4	0.9999999
## 19214	1	0.9999999
## 19215	3	0.9999999
## 19216	2	0.9999999
## 19217	4	0.9999999
## 19218	2	0.9999999
## 19219	3	0.9999999
## 19220	1	0.9999999
## 19221	4	0.9999999
## 19222	2	0.9999999
## 19223	2	0.9999999
## 19224	4	0.9999999
## 19225	3	0.9999999
## 19226	1	0.9999999
## 19227	4	0.9999999
## 19228	1	0.9999998
## 19229	2	0.9999999
## 19230	2	0.9999999
## 19231	3	0.9999999
## 19232	2	0.9999999
## 19233	2	0.9999999
## 19234	4	0.9999999
## 19235	2	0.9999998
## 19236	3	0.9999999
## 19237	2	0.9999999
## 19238	3	0.9999999
## 19239	3	0.9999998
## 19240	2	0.9999999
## 19241	2	0.9999999
## 19242	2	0.9999999
## 19243	3	0.9999999
## 19244	2	0.9999999
## 19245	2	0.9999999
## 19246	4	0.9999999
## 19247	3	0.9999999
## 19248	4	0.9999999
## 19249	3	0.9999999
## 19250	4	0.9999999
## 19251	3	0.9999999
## 19252	2	0.9999999
## 19253	2	0.9999999

## 19254	2	0.9999999
## 19255	3	0.9999999
## 19256	2	0.9999999
## 19257	3	0.9999999
## 19258	2	0.9999999
## 19259	4	0.9999999
## 19260	2	0.9999999
## 19261	2	0.9999999
## 19262	4	0.9999999
## 19263	1	0.9999999
## 19264	1	0.9999999
## 19265	2	0.9999999
## 19266	3	0.9999999
## 19267	3	0.9999999
## 19268	4	0.9999999
## 19269	2	0.9999999
## 19270	4	0.9999999
## 19271	2	0.9999999
## 19272	2	0.9999999
## 19273	4	0.9999999
## 19274	4	0.9999999
## 19275	2	0.9999999
## 19276	2	0.9999999
## 19277	3	0.9999999
## 19278	2	0.9999999
## 19279	2	0.9999999
## 19280	2	0.9999999
## 19281	2	0.9999999
## 19282	2	0.9999999
## 19283	2	0.9999999
## 19284	3	0.9999999
## 19285	3	0.9999999
## 19286	3	0.9999999
## 19287	1	0.9999999
## 19288	4	0.9999999
## 19289	2	0.9999999
## 19290	2	0.9999998
## 19291	3	0.9999999
## 19292	2	0.9999999
## 19293	3	0.9999999
## 19294	2	0.9999999
## 19295	2	0.9999999
## 19296	1	0.9999999
## 19297	3	0.9999999
## 19298	4	0.9999999
## 19299	4	0.9999999
## 19300	4	0.9999999
## 19301	0	0.9999999
## 19302	3	0.9999998
## 19303	2	0.9999999
## 19304	4	0.9999999
## 19305	4	0.9999999
## 19306	4	0.9999999
## 19307	4	0.9999999

## 19308	0	0.9999999
## 19309	4	0.9999999
## 19310	4	0.9999999
## 19311	3	0.9999999
## 19312	2	0.9999999
## 19313	2	0.9999999
## 19314	3	0.9999999
## 19315	2	0.9999999
## 19316	4	0.9999999
## 19317	2	0.9999999
## 19318	2	0.9999999
## 19319	3	0.9999999
## 19320	2	0.9999999
## 19321	3	0.9999999
## 19322	2	0.9999999
## 19323	2	0.9999999
## 19324	2	0.9999999
## 19325	2	0.9999999
## 19326	2	0.9999999
## 19327	3	0.9999999
## 19328	2	0.9999999
## 19329	1	0.9999999
## 19330	1	0.9999999
## 19331	4	0.9999999
## 19332	1	0.9999999
## 19333	4	0.9999999
## 19334	2	0.9999999
## 19335	1	0.9999999
## 19336	3	0.9999999
## 19337	4	0.9999999
## 19338	4	0.9999999
## 19339	3	0.9999999
## 19340	0	0.9999999
## 19341	4	0.9999999
## 19342	3	0.9999999
## 19343	2	0.9999999
## 19344	3	0.9999999
## 19345	3	0.9999999
## 19346	3	0.9999999
## 19347	4	0.9999999
## 19348	2	0.9999999
## 19349	3	0.9999999
## 19350	4	0.9999999
## 19351	4	0.9999999
## 19352	1	0.9999999
## 19353	4	0.9999999
## 19354	3	0.9999999
## 19355	3	0.9999999
## 19356	4	0.9999999
## 19357	3	0.9999999
## 19358	2	0.9999999
## 19359	2	0.9999999
## 19360	2	0.9999999
## 19361	4	0.9999998

## 19362	4	0.9999999
## 19363	2	0.9999999
## 19364	3	0.9999999
## 19365	2	0.9999999
## 19366	2	0.9999999
## 19367	2	0.9999999
## 19368	2	0.9999998
## 19369	3	0.9999999
## 19370	4	0.9999999
## 19371	4	0.9999999
## 19372	4	0.9999999
## 19373	4	0.9999999
## 19374	3	0.9999999
## 19375	2	0.9999999
## 19376	4	0.9999999
## 19377	4	0.9999999
## 19378	2	0.9999999
## 19379	4	0.9999999
## 19380	2	0.9999999
## 19381	3	0.9999999
## 19382	4	0.9999999
## 19383	3	0.9999999
## 19384	2	0.9999998
## 19385	1	0.9999999
## 19386	4	0.9999999
## 19387	3	0.9999999
## 19388	3	0.9999999
## 19389	3	0.9999999
## 19390	2	0.9999998
## 19391	4	0.9999999
## 19392	1	0.9999999
## 19393	2	0.9999999
## 19394	3	0.9999999
## 19395	2	0.9999999
## 19396	2	0.9999999
## 19397	2	0.9999999
## 19398	2	0.9999999
## 19399	4	0.9999999
## 19400	2	0.9999998
## 19401	2	0.9999999
## 19402	2	0.9999999
## 19403	2	0.9999999
## 19404	3	0.9999999
## 19405	1	0.9999999
## 19406	2	0.9999999
## 19407	4	0.9999999
## 19408	4	0.9999998
## 19409	4	0.9999999
## 19410	4	0.9999999
## 19411	3	0.9999999
## 19412	2	0.9999999
## 19413	2	0.9999998
## 19414	2	0.9999999
## 19415	2	0.9999999

## 19416	1	0.9999999
## 19417	3	0.9999998
## 19418	2	0.9999999
## 19419	4	0.9999999
## 19420	3	0.9999999
## 19421	4	0.9999999
## 19422	2	0.9999999
## 19423	2	0.9999999
## 19424	4	0.9999999
## 19425	3	0.9999999
## 19426	3	0.9999999
## 19427	4	0.9999999
## 19428	0	0.9999999
## 19429	2	0.9999999
## 19430	4	0.9999999
## 19431	2	0.9999999
## 19432	4	0.9999999
## 19433	1	0.9999999
## 19434	3	0.9999999
## 19435	3	0.9999999
## 19436	0	0.9999999
## 19437	2	0.9999999
## 19438	3	0.9999999
## 19439	4	0.9999999
## 19440	2	0.9999999
## 19441	3	0.9999999
## 19442	2	0.9999999
## 19443	1	0.9999999
## 19444	4	0.9999999
## 19445	3	0.9999999
## 19446	1	0.9999999
## 19447	3	0.9999999
## 19448	3	0.9999999
## 19449	4	0.9999999
## 19450	1	0.9999999
## 19451	3	0.9999999
## 19452	4	0.9999999
## 19453	0	0.9999999
## 19454	3	0.9999999
## 19455	4	0.9999999
## 19456	4	0.9999998
## 19457	4	0.9999999
## 19458	4	0.9999999
## 19459	1	0.9999999
## 19460	3	0.9999999
## 19461	4	0.9999999
## 19462	2	0.9999999
## 19463	2	0.9999999
## 19464	2	0.9999999
## 19465	3	0.9999999
## 19466	1	0.9999999
## 19467	2	0.9999999
## 19468	4	0.9999999
## 19469	2	0.9999999

## 19470	2	0.9999998
## 19471	2	0.9999999
## 19472	4	0.9999999
## 19473	1	0.9999999
## 19474	3	0.9999999
## 19475	4	0.9999999
## 19476	4	0.9999999
## 19477	3	0.9999999
## 19478	2	0.9999999
## 19479	1	0.9999999
## 19480	0	0.9999999
## 19481	3	0.9999999
## 19482	2	0.9999999
## 19483	4	0.9999999
## 19484	1	0.9999999
## 19485	2	0.9999999
## 19486	2	0.9999999
## 19487	4	0.9999999
## 19488	3	0.9999999
## 19489	1	0.9999999
## 19490	3	0.9999999
## 19491	2	0.9999999
## 19492	2	0.9999999
## 19493	2	0.9999999
## 19494	1	0.9999999
## 19495	4	0.9999999
## 19496	2	0.9999999
## 19497	4	0.9999999
## 19498	2	0.9999999
## 19499	2	0.9999999
## 19500	1	0.9999999
## 19501	3	0.9999999
## 19502	4	0.9999999
## 19503	3	0.9999999
## 19504	2	0.9999999
## 19505	2	0.9999999
## 19506	3	0.9999999
## 19507	4	0.9999999
## 19508	2	0.9999999
## 19509	2	0.9999999
## 19510	4	0.9999999
## 19511	4	0.9999999
## 19512	3	0.9999999
## 19513	4	0.9999999
## 19514	2	0.9999999
## 19515	2	0.9999999
## 19516	2	0.9999999
## 19517	3	0.9999999
## 19518	3	0.9999999
## 19519	4	0.9999999
## 19520	4	0.9999999
## 19521	2	0.9999999
## 19522	2	0.9999999
## 19523	2	0.9999998

## 19524	3	0.9999999
## 19525	3	0.9999999
## 19526	2	0.9999999
## 19527	2	0.9999999
## 19528	2	0.9999998
## 19529	3	0.9999999
## 19530	2	0.9999999
## 19531	2	0.9999999
## 19532	2	0.9999999
## 19533	0	0.9999999
## 19534	3	0.9999999
## 19535	4	0.9999999
## 19536	1	0.9999999
## 19537	3	0.9999999
## 19538	0	0.9999999
## 19539	3	0.9999999
## 19540	2	0.9999999
## 19541	4	0.9999999
## 19542	3	0.9999998
## 19543	4	0.9999999
## 19544	3	0.9999999
## 19545	4	0.9999999
## 19546	2	0.9999999
## 19547	3	0.9999999
## 19548	4	0.9999999
## 19549	2	0.9999999
## 19550	1	0.9999999
## 19551	3	0.9999999
## 19552	4	0.9999999
## 19553	2	0.9999999
## 19554	4	0.9999999
## 19555	2	0.9999999
## 19556	2	0.9999999
## 19557	3	0.9999999
## 19558	3	0.9999999
## 19559	3	0.9999999
## 19560	2	0.9999999
## 19561	2	0.9999999
## 19562	1	0.9999999
## 19563	2	0.9999999
## 19564	3	0.9999999
## 19565	4	0.9999999
## 19566	1	0.9999999
## 19567	2	0.9999999
## 19568	2	0.9999999
## 19569	3	0.9999999
## 19570	2	0.9999999
## 19571	3	0.9999999
## 19572	3	0.9999999
## 19573	2	0.9999999
## 19574	3	0.9999999
## 19575	3	0.9999999
## 19576	2	0.9999999
## 19577	1	0.9999999

## 19578	2	0.9999998
## 19579	3	0.9999999
## 19580	2	0.9999999
## 19581	2	0.9999999
## 19582	3	0.9999999
## 19583	4	0.9999999
## 19584	1	0.9999999
## 19585	2	0.9999999
## 19586	4	0.9999999
## 19587	3	0.9999999
## 19588	2	0.9999999
## 19589	3	0.9999999
## 19590	2	0.9999999
## 19591	4	0.9999999
## 19592	4	0.9999999
## 19593	3	0.9999999
## 19594	2	0.9999999
## 19595	4	0.9999999
## 19596	4	0.9999999
## 19597	2	0.9999999
## 19598	1	0.9999999
## 19599	4	0.9999998
## 19600	2	0.9999999
## 19601	0	0.9999999
## 19602	2	0.9999999
## 19603	3	0.9999999
## 19604	2	0.9999999
## 19605	1	0.9999999
## 19606	1	0.9999999
## 19607	3	0.9999999
## 19608	1	0.9999999
## 19609	2	0.9999999
## 19610	4	0.9999999
## 19611	2	0.9999999
## 19612	4	0.9999999
## 19613	1	0.9999999
## 19614	3	0.9999999
## 19615	1	0.9999999
## 19616	1	0.9999999
## 19617	3	0.9999999
## 19618	4	0.9999999
## 19619	2	0.9999998
## 19620	4	0.9999999
## 19621	4	0.9999999
## 19622	2	0.9999999
## 19623	2	0.9999999
## 19624	2	0.9999999
## 19625	2	0.9999998
## 19626	3	0.9999999
## 19627	2	0.9999999
## 19628	3	0.9999999
## 19629	3	0.9999999
## 19630	0	0.9999999
## 19631	2	0.9999999

## 19632	2	0.9999999
## 19633	3	0.9999998
## 19634	2	0.9999999
## 19635	3	0.9999999
## 19636	2	0.9999999
## 19637	2	0.9999999
## 19638	2	0.9999999
## 19639	3	0.9999999
## 19640	2	0.9999999
## 19641	1	0.9999999
## 19642	3	0.9999999
## 19643	1	0.9999999
## 19644	2	0.9999999
## 19645	2	0.9999999
## 19646	4	0.9999999
## 19647	3	0.9999999
## 19648	2	0.9999999
## 19649	3	0.9999999
## 19650	2	0.9999998
## 19651	3	0.9999999
## 19652	2	0.9999999
## 19653	2	0.9999999
## 19654	4	0.9999999
## 19655	1	0.9999999
## 19656	4	0.9999999
## 19657	2	0.9999999
## 19658	2	0.9999999
## 19659	4	0.9999999
## 19660	3	0.9999999
## 19661	2	0.9999999
## 19662	2	0.9999999
## 19663	4	0.9999999
## 19664	3	0.9999999
## 19665	3	0.9999999
## 19666	2	0.9999999
## 19667	3	0.9999999
## 19668	3	0.9999999
## 19669	4	0.9999998
## 19670	4	0.9999999
## 19671	2	0.9999999
## 19672	0	0.9999999
## 19673	1	0.9999999
## 19674	3	0.9999999
## 19675	4	0.9999999
## 19676	2	0.9999999
## 19677	3	0.9999998
## 19678	4	0.9999999
## 19679	1	0.9999999
## 19680	1	0.9999999
## 19681	1	0.9999999
## 19682	2	0.9999999
## 19683	2	0.9999999
## 19684	2	0.9999999
## 19685	2	0.9999999

## 19686	3	0.9999999
## 19687	2	0.9999999
## 19688	2	0.9999999
## 19689	2	0.9999999
## 19690	0	0.9999999
## 19691	4	0.9999999
## 19692	2	0.9999999
## 19693	3	0.9999999
## 19694	3	0.9999999
## 19695	3	0.9999999
## 19696	4	0.9999999
## 19697	3	0.9999999
## 19698	2	0.9999999
## 19699	3	0.9999999
## 19700	2	0.9999999
## 19701	3	0.9999999
## 19702	4	0.9999999
## 19703	2	0.9999999
## 19704	3	0.9999999
## 19705	4	0.9999999
## 19706	2	0.9999999
## 19707	3	0.9999999
## 19708	3	0.9999999
## 19709	3	0.9999999
## 19710	4	0.9999999
## 19711	4	0.9999999
## 19712	3	0.9999999
## 19713	4	0.9999999
## 19714	2	0.9999999
## 19715	2	0.9999999
## 19716	2	0.9999999
## 19717	2	0.9999999
## 19718	4	0.9999999
## 19719	3	0.9999999
## 19720	0	0.9999999
## 19721	3	0.9999999
## 19722	1	0.9999999
## 19723	4	0.9999999
## 19724	4	0.9999999
## 19725	1	0.9999999
## 19726	2	0.9999998
## 19727	4	0.9999999
## 19728	2	0.9999999
## 19729	3	0.9999999
## 19730	2	0.9999999
## 19731	1	0.9999999
## 19732	4	0.9999999
## 19733	3	0.9999999
## 19734	3	0.9999999
## 19735	2	0.9999999
## 19736	4	0.9999999
## 19737	2	0.9999999
## 19738	4	0.9999999
## 19739	2	0.9999999

## 19740	4	0.9999999
## 19741	2	0.9999999
## 19742	3	0.9999999
## 19743	1	0.9999999
## 19744	2	0.9999999
## 19745	0	0.9999999
## 19746	4	0.9999999
## 19747	1	0.9999999
## 19748	4	0.9999999
## 19749	3	0.9999999
## 19750	0	0.9999999
## 19751	4	0.9999999
## 19752	3	0.9999999
## 19753	2	0.9999999
## 19754	2	0.9999999
## 19755	2	0.9999999
## 19756	2	0.9999999
## 19757	3	0.9999999
## 19758	4	0.9999999
## 19759	2	0.9999999
## 19760	2	0.9999999
## 19761	4	0.9999998
## 19762	4	0.9999999
## 19763	4	0.9999999
## 19764	3	0.9999999
## 19765	3	0.9999999
## 19766	0	0.9999999
## 19767	2	0.9999999
## 19768	3	0.9999999
## 19769	4	0.9999999
## 19770	3	0.9999999
## 19771	3	0.9999999
## 19772	3	0.9999999
## 19773	2	0.9999999
## 19774	1	0.9999999
## 19775	2	0.9999999
## 19776	3	0.9999999
## 19777	2	0.9999999
## 19778	1	0.9999999
## 19779	2	0.9999999
## 19780	4	0.9999999
## 19781	2	0.9999999
## 19782	2	0.9999999
## 19783	3	0.9999999
## 19784	3	0.9999999
## 19785	3	0.9999999
## 19786	2	0.9999999
## 19787	2	0.9999999
## 19788	3	0.9999999
## 19789	4	0.9999999
## 19790	4	0.9999999
## 19791	4	0.9999999
## 19792	2	0.9999999
## 19793	3	0.9999999

## 19794	2	0.9999999
## 19795	4	0.9999999
## 19796	3	0.9999999
## 19797	1	0.9999999
## 19798	2	0.9999999
## 19799	4	0.9999999
## 19800	3	0.9999999
## 19801	1	0.9999999
## 19802	3	0.9999999
## 19803	3	0.9999999
## 19804	2	0.9999999
## 19805	2	0.9999999
## 19806	2	0.9999999
## 19807	1	0.9999999
## 19808	4	0.9999999
## 19809	2	0.9999999
## 19810	2	0.9999999
## 19811	1	0.9999999
## 19812	2	0.9999999
## 19813	4	0.9999999
## 19814	3	0.9999999
## 19815	2	0.9999998
## 19816	2	0.9999999
## 19817	1	0.9999999
## 19818	2	0.9999999
## 19819	4	0.9999999
## 19820	0	0.9999999
## 19821	4	0.9999999
## 19822	3	0.9999999
## 19823	2	0.9999999
## 19824	4	0.9999999
## 19825	2	0.9999999
## 19826	4	0.9999999
## 19827	2	0.9999999
## 19828	4	0.9999999
## 19829	4	0.9999999
## 19830	2	0.9999999
## 19831	2	0.9999999
## 19832	2	0.9999999
## 19833	4	0.9999999
## 19834	2	0.9999999
## 19835	3	0.9999999
## 19836	0	0.9999999
## 19837	4	0.9999999
## 19838	4	0.9999999
## 19839	3	0.9999999
## 19840	3	0.9999999
## 19841	2	0.9999999
## 19842	4	0.9999999
## 19843	2	0.9999999
## 19844	1	0.9999999
## 19845	3	0.9999999
## 19846	3	0.9999999
## 19847	2	0.9999999

## 19848	4	0.9999999
## 19849	2	0.9999999
## 19850	3	0.9999999
## 19851	3	0.9999999
## 19852	1	0.9999998
## 19853	2	0.9999999
## 19854	3	0.9999999
## 19855	3	0.9999999
## 19856	2	0.9999999
## 19857	1	0.9999999
## 19858	4	0.9999999
## 19859	4	0.9999999
## 19860	2	0.9999998
## 19861	3	0.9999999
## 19862	3	0.9999999
## 19863	4	0.9999999
## 19864	2	0.9999999
## 19865	3	0.9999999
## 19866	3	0.9999999
## 19867	3	0.9999999
## 19868	3	0.9999999
## 19869	3	0.9999999
## 19870	3	0.9999999
## 19871	2	0.9999999
## 19872	1	0.9999999
## 19873	2	0.9999999
## 19874	4	0.9999999
## 19875	4	0.9999999
## 19876	2	0.9999999
## 19877	4	0.9999999
## 19878	2	0.9999999
## 19879	2	0.9999999
## 19880	2	0.9999999
## 19881	3	0.9999999
## 19882	3	0.9999999
## 19883	2	0.9999999
## 19884	1	0.9999999
## 19885	3	0.9999999
## 19886	4	0.9999999
## 19887	2	0.9999999
## 19888	3	0.9999999
## 19889	4	0.9999999
## 19890	1	0.9999999
## 19891	3	0.9999999
## 19892	2	0.9999999
## 19893	4	0.9999999
## 19894	0	0.9999999
## 19895	2	0.9999999
## 19896	2	0.9999999
## 19897	4	0.9999998
## 19898	4	0.9999999
## 19899	4	0.9999999
## 19900	2	0.9999999
## 19901	2	0.9999999

## 19902	4	0.9999999
## 19903	3	0.9999999
## 19904	2	0.9999999
## 19905	3	0.9999999
## 19906	2	0.9999999
## 19907	3	0.9999999
## 19908	0	0.9999999
## 19909	3	0.9999999
## 19910	3	0.9999999
## 19911	3	0.9999999
## 19912	4	0.9999999
## 19913	2	0.9999998
## 19914	2	0.9999999
## 19915	3	0.9999999
## 19916	0	0.9999999
## 19917	1	0.9999999
## 19918	0	0.9999999
## 19919	3	0.9999999
## 19920	3	0.9999999
## 19921	2	0.9999999
## 19922	2	0.9999999
## 19923	4	0.9999999
## 19924	4	0.9999999
## 19925	3	0.9999999
## 19926	2	0.9999999
## 19927	4	0.9999998
## 19928	4	0.9999999
## 19929	4	0.9999999
## 19930	2	0.9999999
## 19931	3	0.9999999
## 19932	2	0.9999999
## 19933	2	0.9999999
## 19934	1	0.9999999
## 19935	4	0.9999999
## 19936	3	0.9999999
## 19937	2	0.9999999
## 19938	2	0.9999999
## 19939	2	0.9999999
## 19940	1	0.9999999
## 19941	2	0.9999999
## 19942	3	0.9999999
## 19943	3	0.9999999
## 19944	2	0.9999999
## 19945	4	0.9999999
## 19946	2	0.9999999
## 19947	4	0.9999999
## 19948	2	0.9999999
## 19949	3	0.9999999
## 19950	4	0.9999999
## 19951	2	0.9999999
## 19952	3	0.9999999
## 19953	3	0.9999999
## 19954	2	0.9999999
## 19955	3	0.9999999

## 19956	4	0.9999999
## 19957	4	0.9999999
## 19958	2	0.9999999
## 19959	3	0.9999999
## 19960	4	0.9999999
## 19961	4	0.9999999
## 19962	4	0.9999999
## 19963	1	0.9999998
## 19964	3	0.9999999
## 19965	2	0.9999999
## 19966	4	0.9999999
## 19967	1	0.9999999
## 19968	4	0.9999999
## 19969	3	0.9999999
## 19970	3	0.9999999
## 19971	2	0.9999999
## 19972	1	0.9999999
## 19973	2	0.9999999
## 19974	4	0.9999999
## 19975	4	0.9999999
## 19976	2	0.9999998
## 19977	1	0.9999998
## 19978	2	0.9999999
## 19979	3	0.9999998
## 19980	4	0.9999998
## 19981	3	0.9999999
## 19982	3	0.9999999
## 19983	3	0.9999999
## 19984	3	0.9999998
## 19985	4	0.9999999
## 19986	3	0.9999999
## 19987	3	0.9999999
## 19988	4	0.9999999
## 19989	1	0.9999999
## 19990	4	0.9999999
## 19991	2	0.9999999
## 19992	2	0.9999999
## 19993	4	0.9999999
## 19994	4	0.9999999
## 19995	2	0.9999999
## 19996	4	0.9999999
## 19997	2	0.9999999
## 19998	2	0.9999999
## 19999	3	0.9999999
## 20000	3	0.9999999
## 20001	1	0.9999999
## 20002	3	0.9999999
## 20003	4	0.9999999
## 20004	3	0.9999999
## 20005	3	0.9999999
## 20006	2	0.9999999
## 20007	2	0.9999999
## 20008	2	0.9999999
## 20009	1	0.9999999

## 20010	2	0.9999999
## 20011	2	0.9999999
## 20012	3	0.9999999
## 20013	4	0.9999999
## 20014	2	0.9999999
## 20015	4	0.9999999
## 20016	4	0.9999999
## 20017	3	0.9999999
## 20018	3	0.9999999
## 20019	4	0.9999999
## 20020	2	0.9999999
## 20021	2	0.9999998
## 20022	1	0.9999999
## 20023	2	0.9999999
## 20024	2	0.9999999
## 20025	2	0.9999999
## 20026	2	0.9999999
## 20027	3	0.9999999
## 20028	2	0.9999999
## 20029	4	0.9999999
## 20030	3	0.9999999
## 20031	2	0.9999999
## 20032	3	0.9999999
## 20033	4	0.9999999
## 20034	2	0.9999999
## 20035	2	0.9999999
## 20036	2	0.9999999
## 20037	1	0.9999999
## 20038	3	0.9999999
## 20039	2	0.9999999
## 20040	2	0.9999999
## 20041	2	0.9999999
## 20042	3	0.9999999
## 20043	2	0.9999999
## 20044	3	0.9999999
## 20045	4	0.9999999
## 20046	4	0.9999999
## 20047	2	0.9999999
## 20048	2	0.9999999
## 20049	2	0.9999999
## 20050	2	0.9999999
## 20051	1	0.9999999
## 20052	4	0.9999999
## 20053	4	0.9999999
## 20054	2	0.9999999
## 20055	3	0.9999999
## 20056	3	0.9999999
## 20057	2	0.9999999
## 20058	4	0.9999999
## 20059	3	0.9999999
## 20060	3	0.9999999
## 20061	2	0.9999999
## 20062	2	0.9999999
## 20063	2	0.9999999

## 20064	3	0.9999999
## 20065	2	0.9999999
## 20066	1	0.9999999
## 20067	3	0.9999999
## 20068	3	0.9999999
## 20069	3	0.9999999
## 20070	2	0.9999999
## 20071	2	0.9999999
## 20072	2	0.9999999
## 20073	2	0.9999999
## 20074	1	0.9999999
## 20075	4	0.9999999
## 20076	4	0.9999999
## 20077	2	0.9999999
## 20078	4	0.9999998
## 20079	2	0.9999999
## 20080	3	0.9999999
## 20081	2	0.9999999
## 20082	4	0.9999999
## 20083	4	0.9999999
## 20084	3	0.9999998
## 20085	3	0.9999999
## 20086	3	0.9999999
## 20087	2	0.9999999
## 20088	2	0.9999999
## 20089	2	0.9999999
## 20090	2	0.9999999
## 20091	3	0.9999999
## 20092	2	0.9999999
## 20093	4	0.9999999
## 20094	2	0.9999999
## 20095	2	0.9999999
## 20096	3	0.9999999
## 20097	4	0.9999999
## 20098	2	0.9999999
## 20099	0	0.9999999
## 20100	2	0.9999999
## 20101	4	0.9999999
## 20102	1	0.9999998
## 20103	3	0.9999999
## 20104	4	0.9999999
## 20105	2	0.9999999
## 20106	3	0.9999999
## 20107	2	0.9999999
## 20108	4	0.9999999
## 20109	3	0.9999999
## 20110	3	0.9999998
## 20111	4	0.9999999
## 20112	1	0.9999999
## 20113	2	0.9999999
## 20114	4	0.9999999
## 20115	1	0.9999999
## 20116	2	0.9999999
## 20117	3	0.9999999

## 20118	2	0.9999999
## 20119	2	0.9999999
## 20120	2	0.9999999
## 20121	2	0.9999999
## 20122	2	0.9999999
## 20123	3	0.9999998
## 20124	3	0.9999999
## 20125	2	0.9999999
## 20126	2	0.9999999
## 20127	2	0.9999999
## 20128	3	0.9999999
## 20129	2	0.9999999
## 20130	4	0.9999999
## 20131	3	0.9999999
## 20132	4	0.9999999
## 20133	4	0.9999999
## 20134	1	0.9999999
## 20135	3	0.9999999
## 20136	0	0.9999999
## 20137	2	0.9999999
## 20138	3	0.9999999
## 20139	2	0.9999999
## 20140	3	0.9999999
## 20141	3	0.9999998
## 20142	1	0.9999999
## 20143	3	0.9999999
## 20144	2	0.9999999
## 20145	4	0.9999999
## 20146	4	0.9999999
## 20147	2	0.9999999
## 20148	1	0.9999999
## 20149	2	0.9999999
## 20150	3	0.9999999
## 20151	4	0.9999999
## 20152	4	0.9999999
## 20153	2	0.9999999
## 20154	3	0.9999999
## 20155	2	0.9999999
## 20156	3	0.9999999
## 20157	4	0.9999999
## 20158	3	0.9999999
## 20159	2	0.9999999
## 20160	0	0.9999999
## 20161	1	0.9999999
## 20162	2	0.9999999
## 20163	3	0.9999999
## 20164	4	0.9999998
## 20165	2	0.9999999
## 20166	2	0.9999999
## 20167	2	0.9999999
## 20168	2	0.9999999
## 20169	2	0.9999999
## 20170	3	0.9999999
## 20171	2	0.9999999

## 20172	2	0.9999999
## 20173	2	0.9999998
## 20174	2	0.9999999
## 20175	3	0.9999998
## 20176	4	0.9999999
## 20177	2	0.9999999
## 20178	2	0.9999999
## 20179	2	0.9999999
## 20180	2	0.9999999
## 20181	3	0.9999999
## 20182	2	0.9999999
## 20183	1	0.9999999
## 20184	4	0.9999999
## 20185	4	0.9999999
## 20186	2	0.9999999
## 20187	2	0.9999999
## 20188	2	0.9999999
## 20189	3	0.9999999
## 20190	4	0.9999999
## 20191	3	0.9999999
## 20192	2	0.9999999
## 20193	2	0.9999999
## 20194	4	0.9999999
## 20195	2	0.9999999
## 20196	1	0.9999999
## 20197	2	0.9999999
## 20198	4	0.9999999
## 20199	2	0.9999998
## 20200	1	0.9999999
## 20201	1	0.9999999
## 20202	3	0.9999999
## 20203	2	0.9999999
## 20204	2	0.9999999
## 20205	3	0.9999999
## 20206	4	0.9999999
## 20207	2	0.9999998
## 20208	4	0.9999999
## 20209	2	0.9999999
## 20210	1	0.9999999
## 20211	3	0.9999999
## 20212	1	0.9999999
## 20213	1	0.9999999
## 20214	4	0.9999999
## 20215	2	0.9999999
## 20216	3	0.9999999
## 20217	2	0.9999999
## 20218	3	0.9999999
## 20219	3	0.9999999
## 20220	2	0.9999998
## 20221	3	0.9999999
## 20222	4	0.9999999
## 20223	3	0.9999999
## 20224	2	0.9999999
## 20225	2	0.9999999

##	20226	4	0.9999999
##	20227	3	0.9999999
##	20228	1	0.9999999
##	20229	4	0.9999999
##	20230	4	0.9999999
##	20231	2	0.9999999
##	20232	4	0.9999999
##	20233	4	0.9999999
##	20234	2	0.9999999
##	20235	2	0.9999999
##	20236	2	0.9999999
##	20237	4	0.9999999
##	20238	2	0.9999999
##	20239	3	0.9999999
##	20240	2	0.9999999
##	20241	4	0.9999999
##	20242	3	0.9999999
##	20243	2	0.9999999
##	20244	3	0.9999999
##	20245	3	0.9999999
##	20246	3	0.9999999
##	20247	2	0.9999999
##	20248	1	0.9999999
##	20249	1	0.9999999
##	20250	4	0.9999999
##	20251	3	0.9999999
##	20252	0	0.9999999
##	20253	3	0.9999999
##	20254	2	0.9999999
##	20255	2	0.9999999
##	20256	2	0.9999998
##	20257	2	0.9999999
##	20258	4	0.9999999
##	20259	2	0.9999999
##	20260	1	0.9999999
##	20261	4	0.9999999
##	20262	3	0.9999999
##	20263	4	0.9999999
##	20264	2	0.9999999
##	20265	3	0.9999999
##	20266	4	0.9999999
##	20267	2	0.9999998
##	20268	2	0.9999999
##	20269	3	0.9999999
##	20270	2	0.9999999
##	20271	3	0.9999999
##	20272	4	0.9999999
##	20273	4	0.9999998
##	20274	2	0.9999999
##	20275	2	0.9999999
##	20276	1	0.9999999
##	20277	2	0.9999999
##	20278	1	0.9999999
##	20279	4	0.9999999

## 20280	2	0.9999999
## 20281	2	0.9999999
## 20282	3	0.9999999
## 20283	2	0.9999999
## 20284	2	0.9999999
## 20285	4	0.9999999
## 20286	3	0.9999999
## 20287	4	0.9999999
## 20288	3	0.9999999
## 20289	3	0.9999999
## 20290	2	0.9999999
## 20291	2	0.9999999
## 20292	2	0.9999999
## 20293	2	0.9999999
## 20294	2	0.9999999
## 20295	2	0.9999999
## 20296	3	0.9999999
## 20297	4	0.9999999
## 20298	3	0.9999999
## 20299	2	0.9999999
## 20300	3	0.9999999
## 20301	3	0.9999999
## 20302	4	0.9999999
## 20303	1	0.9999999
## 20304	3	0.9999999
## 20305	4	0.9999999
## 20306	4	0.9999999
## 20307	3	0.9999999
## 20308	3	0.9999999
## 20309	4	0.9999999
## 20310	3	0.9999999
## 20311	3	0.9999999
## 20312	2	0.9999999
## 20313	4	0.9999999
## 20314	1	0.9999999
## 20315	2	0.9999999
## 20316	2	0.9999999
## 20317	2	0.9999998
## 20318	2	0.9999999
## 20319	4	0.9999998
## 20320	3	0.9999999
## 20321	2	0.9999999
## 20322	4	0.9999999
## 20323	4	0.9999999
## 20324	3	0.9999999
## 20325	2	0.9999999
## 20326	2	0.9999999
## 20327	2	0.9999999
## 20328	4	0.9999999
## 20329	2	0.9999999
## 20330	2	0.9999999
## 20331	4	0.9999999
## 20332	2	0.9999999
## 20333	3	0.9999999

## 20334	1	0.9999999
## 20335	3	0.9999999
## 20336	3	0.9999999
## 20337	4	0.9999999
## 20338	1	0.9999999
## 20339	1	0.9999999
## 20340	0	0.9999999
## 20341	2	0.9999999
## 20342	4	0.9999999
## 20343	2	0.9999999
## 20344	2	0.9999999
## 20345	2	0.9999999
## 20346	2	0.9999999
## 20347	2	0.9999999
## 20348	2	0.9999999
## 20349	1	0.9999999
## 20350	2	0.9999999
## 20351	3	0.9999998
## 20352	3	0.9999999
## 20353	4	0.9999999
## 20354	4	0.9999999
## 20355	3	0.9999999
## 20356	4	0.9999999
## 20357	3	0.9999999
## 20358	4	0.9999999
## 20359	0	0.9999999
## 20360	3	0.9999999
## 20361	3	0.9999999
## 20362	3	0.9999999
## 20363	2	0.9999998
## 20364	4	0.9999999
## 20365	3	0.9999999
## 20366	1	0.9999999
## 20367	3	0.9999999
## 20368	3	0.9999999
## 20369	4	0.9999999
## 20370	3	0.9999999
## 20371	2	0.9999999
## 20372	2	0.9999999
## 20373	4	0.9999999
## 20374	2	0.9999999
## 20375	4	0.9999999
## 20376	3	0.9999999
## 20377	2	0.9999999
## 20378	2	0.9999999
## 20379	2	0.9999999
## 20380	3	0.9999999
## 20381	2	0.9999999
## 20382	1	0.9999999
## 20383	4	0.9999999
## 20384	2	0.9999999
## 20385	2	0.9999999
## 20386	0	0.9999999
## 20387	1	0.9999999

## 20388	4	0.9999999
## 20389	2	0.9999999
## 20390	2	0.9999999
## 20391	4	0.9999999
## 20392	1	0.9999999
## 20393	2	0.9999999
## 20394	1	0.9999999
## 20395	2	0.9999999
## 20396	4	0.9999999
## 20397	0	0.9999999
## 20398	3	0.9999999
## 20399	4	0.9999999
## 20400	4	0.9999999
## 20401	2	0.9999999
## 20402	0	0.9999998
## 20403	4	0.9999999
## 20404	2	0.9999999
## 20405	4	0.9999999
## 20406	2	0.9999999
## 20407	2	0.9999999
## 20408	2	0.9999999
## 20409	2	0.9999999
## 20410	4	0.9999999
## 20411	3	0.9999998
## 20412	3	0.9999999
## 20413	2	0.9999999
## 20414	2	0.9999999
## 20415	2	0.9999999
## 20416	1	0.9999999
## 20417	2	0.9999999
## 20418	2	0.9999999
## 20419	4	0.9999999
## 20420	2	0.9999999
## 20421	3	0.9999998
## 20422	2	0.9999999
## 20423	3	0.9999999
## 20424	2	0.9999999
## 20425	2	0.9999999
## 20426	3	0.9999998
## 20427	3	0.9999999
## 20428	0	0.9999999
## 20429	2	0.9999999
## 20430	3	0.9999999
## 20431	3	0.9999999
## 20432	3	0.9999999
## 20433	2	0.9999999
## 20434	2	0.9999999
## 20435	3	0.9999999
## 20436	2	0.9999999
## 20437	4	0.9999999
## 20438	1	0.9999999
## 20439	1	0.9999999
## 20440	2	0.9999998
## 20441	3	0.9999999

##	20442	4	0.9999999
##	20443	2	0.9999999
##	20444	1	0.9999999
##	20445	2	0.9999999
##	20446	2	0.9999999
##	20447	3	0.9999999
##	20448	1	0.9999999
##	20449	2	0.9999999
##	20450	2	0.9999999
##	20451	4	0.9999999
##	20452	4	0.9999999
##	20453	2	0.9999999
##	20454	0	0.9999999
##	20455	3	0.9999999
##	20456	2	0.9999998
##	20457	2	0.9999999
##	20458	2	0.9999999
##	20459	4	0.9999999
##	20460	3	0.9999999
##	20461	2	0.9999999
##	20462	3	0.9999999
##	20463	3	0.9999999
##	20464	4	0.9999999
##	20465	0	0.9999999
##	20466	1	0.9999999
##	20467	2	0.9999999
##	20468	2	0.9999999
##	20469	3	0.9999999
##	20470	2	0.9999999
##	20471	4	0.9999999
##	20472	3	0.9999999
##	20473	4	0.9999998
##	20474	4	0.9999999
##	20475	2	0.9999999
##	20476	2	0.9999999
##	20477	2	0.9999999
##	20478	2	0.9999999
##	20479	2	0.9999999
##	20480	3	0.9999999
##	20481	4	0.9999999
##	20482	2	0.9999999
##	20483	2	0.9999999
##	20484	2	0.9999999
##	20485	2	0.9999999
##	20486	3	0.9999998
##	20487	3	0.9999999
##	20488	0	0.9999998
##	20489	3	0.9999999
##	20490	4	0.9999999
##	20491	3	0.9999999
##	20492	2	0.9999999
##	20493	4	0.9999999
##	20494	2	0.9999999
##	20495	4	0.9999999

## 20496	2	0.9999999
## 20497	2	0.9999999
## 20498	2	0.9999999
## 20499	3	0.9999999
## 20500	3	0.9999999
## 20501	4	0.9999999
## 20502	2	0.9999999
## 20503	1	0.9999999
## 20504	2	0.9999999
## 20505	2	0.9999999
## 20506	2	0.9999999
## 20507	3	0.9999999
## 20508	3	0.9999999
## 20509	3	0.9999999
## 20510	4	0.9999999
## 20511	2	0.9999999
## 20512	3	0.9999999
## 20513	0	0.9999999
## 20514	1	0.9999999
## 20515	2	0.9999999
## 20516	4	0.9999999
## 20517	2	0.9999999
## 20518	1	0.9999999
## 20519	2	0.9999999
## 20520	1	0.9999999
## 20521	2	0.9999999
## 20522	4	0.9999999
## 20523	3	0.9999999
## 20524	3	0.9999999
## 20525	2	0.9999999
## 20526	2	0.9999999
## 20527	2	0.9999999
## 20528	2	0.9999999
## 20529	4	0.9999999
## 20530	0	0.9999999
## 20531	2	0.9999999
## 20532	3	0.9999999
## 20533	3	0.9999999
## 20534	4	0.9999999
## 20535	3	0.9999999
## 20536	1	0.9999999
## 20537	0	0.9999998
## 20538	4	0.9999999
## 20539	3	0.9999999
## 20540	3	0.9999999
## 20541	1	0.9999999
## 20542	2	0.9999999
## 20543	1	0.9999999
## 20544	2	0.9999999
## 20545	4	0.9999999
## 20546	2	0.9999999
## 20547	3	0.9999999
## 20548	2	0.9999999
## 20549	2	0.9999999

## 20550	2	0.9999999
## 20551	3	0.9999999
## 20552	4	0.9999999
## 20553	3	0.9999999
## 20554	1	0.9999999
## 20555	2	0.9999998
## 20556	1	0.9999999
## 20557	2	0.9999999
## 20558	1	0.9999999
## 20559	3	0.9999999
## 20560	3	0.9999999
## 20561	4	0.9999999
## 20562	2	0.9999999
## 20563	3	0.9999999
## 20564	2	0.9999999
## 20565	2	0.9999999
## 20566	4	0.9999999
## 20567	2	0.9999999
## 20568	2	0.9999999
## 20569	4	0.9999999
## 20570	3	0.9999998
## 20571	4	0.9999999
## 20572	4	0.9999999
## 20573	3	0.9999999
## 20574	2	0.9999999
## 20575	3	0.9999999
## 20576	2	0.9999999
## 20577	2	0.9999999
## 20578	4	0.9999999
## 20579	4	0.9999999
## 20580	2	0.9999999
## 20581	2	0.9999999
## 20582	2	0.9999999
## 20583	3	0.9999999
## 20584	4	0.9999999
## 20585	3	0.9999999
## 20586	4	0.9999999
## 20587	4	0.9999999
## 20588	4	0.9999999
## 20589	4	0.9999998
## 20590	2	0.9999999
## 20591	2	0.9999999
## 20592	3	0.9999999
## 20593	2	0.9999999
## 20594	3	0.9999999
## 20595	2	0.9999998
## 20596	4	0.9999999
## 20597	4	0.9999999
## 20598	2	0.9999999
## 20599	4	0.9999999
## 20600	3	0.9999999
## 20601	3	0.9999999
## 20602	3	0.9999999
## 20603	2	0.9999999

## 20604	2	0.9999999
## 20605	2	0.9999999
## 20606	1	0.9999999
## 20607	1	0.9999999
## 20608	4	0.9999999
## 20609	2	0.9999999
## 20610	4	0.9999999
## 20611	3	0.9999999
## 20612	4	0.9999999
## 20613	4	0.9999999
## 20614	3	0.9999999
## 20615	4	0.9999999
## 20616	2	0.9999999
## 20617	3	0.9999999
## 20618	3	0.9999999
## 20619	2	0.9999999
## 20620	3	0.9999999
## 20621	2	0.9999999
## 20622	2	0.9999999
## 20623	2	0.9999999
## 20624	3	0.9999998
## 20625	2	0.9999999
## 20626	3	0.9999999
## 20627	3	0.9999999
## 20628	2	0.9999999
## 20629	4	0.9999999
## 20630	3	0.9999999
## 20631	4	0.9999999
## 20632	3	0.9999999
## 20633	4	0.9999999
## 20634	4	0.9999999
## 20635	2	0.9999999
## 20636	4	0.9999999
## 20637	3	0.9999999
## 20638	1	0.9999999
## 20639	1	0.9999999
## 20640	1	0.9999999
## 20641	3	0.9999999
## 20642	1	0.9999999
## 20643	4	0.9999998
## 20644	2	0.9999999
## 20645	3	0.9999999
## 20646	3	0.9999999
## 20647	4	0.9999999
## 20648	2	0.9999999
## 20649	3	0.9999999
## 20650	3	0.9999999
## 20651	4	0.9999999
## 20652	1	0.9999999
## 20653	1	0.9999999
## 20654	3	0.9999999
## 20655	2	0.9999999
## 20656	2	0.9999998
## 20657	2	0.9999999

## 20658	2	0.9999999
## 20659	0	0.9999999
## 20660	4	0.9999999
## 20661	3	0.9999999
## 20662	1	0.9999999
## 20663	2	0.9999999
## 20664	3	0.9999999
## 20665	3	0.9999999
## 20666	1	0.9999999
## 20667	2	0.9999999
## 20668	1	0.9999999
## 20669	1	0.9999999
## 20670	2	0.9999998
## 20671	2	0.9999999
## 20672	1	0.9999999
## 20673	2	0.9999999
## 20674	2	0.9999999
## 20675	2	0.9999999
## 20676	3	0.9999999
## 20677	1	0.9999999
## 20678	3	0.9999999
## 20679	2	0.9999999
## 20680	3	0.9999999
## 20681	1	0.9999999
## 20682	1	0.9999999
## 20683	3	0.9999999
## 20684	1	0.9999999
## 20685	2	0.9999999
## 20686	4	0.9999999
## 20687	4	0.9999999
## 20688	3	0.9999999
## 20689	3	0.9999999
## 20690	2	0.9999999
## 20691	4	0.9999999
## 20692	2	0.9999999
## 20693	3	0.9999999
## 20694	3	0.9999999
## 20695	4	0.9999999
## 20696	2	0.9999999
## 20697	3	0.9999999
## 20698	4	0.9999999
## 20699	2	0.9999999
## 20700	4	0.9999999
## 20701	2	0.9999999
## 20702	3	0.9999998
## 20703	3	0.9999999
## 20704	3	0.9999999
## 20705	0	0.9999999
## 20706	2	0.9999999
## 20707	3	0.9999999
## 20708	3	0.9999999
## 20709	2	0.9999999
## 20710	2	0.9999999
## 20711	3	0.9999999

## 20712	2	0.9999998
## 20713	2	0.9999999
## 20714	2	0.9999999
## 20715	3	0.9999999
## 20716	2	0.9999999
## 20717	2	0.9999999
## 20718	2	0.9999999
## 20719	2	0.9999999
## 20720	2	0.9999999
## 20721	4	0.9999999
## 20722	3	0.9999999
## 20723	0	0.9999999
## 20724	4	0.9999999
## 20725	1	0.9999998
## 20726	3	0.9999999
## 20727	4	0.9999999
## 20728	1	0.9999999
## 20729	4	0.9999999
## 20730	4	0.9999999
## 20731	3	0.9999998
## 20732	2	0.9999999
## 20733	4	0.9999999
## 20734	3	0.9999999
## 20735	3	0.9999999
## 20736	3	0.9999999
## 20737	2	0.9999999
## 20738	3	0.9999998
## 20739	2	0.9999999
## 20740	2	0.9999999
## 20741	1	0.9999999
## 20742	4	0.9999999
## 20743	4	0.9999999
## 20744	2	0.9999999
## 20745	2	0.9999999
## 20746	3	0.9999999
## 20747	3	0.9999999
## 20748	3	0.9999998
## 20749	2	0.9999999
## 20750	2	0.9999999
## 20751	2	0.9999999
## 20752	2	0.9999999
## 20753	4	0.9999999
## 20754	3	0.9999999
## 20755	4	0.9999999
## 20756	2	0.9999999
## 20757	3	0.9999999
## 20758	2	0.9999999
## 20759	4	0.9999999
## 20760	2	0.9999999
## 20761	3	0.9999999
## 20762	4	0.9999999
## 20763	4	0.9999999
## 20764	2	0.9999999
## 20765	1	0.9999999

## 20766	3	0.9999999
## 20767	4	0.9999999
## 20768	2	0.9999999
## 20769	2	0.9999999
## 20770	2	0.9999999
## 20771	3	0.9999999
## 20772	2	0.9999999
## 20773	4	0.9999999
## 20774	1	0.9999999
## 20775	2	0.9999999
## 20776	2	0.9999999
## 20777	2	0.9999998
## 20778	3	0.9999999
## 20779	2	0.9999999
## 20780	2	0.9999999
## 20781	2	0.9999999
## 20782	2	0.9999999
## 20783	2	0.9999999
## 20784	3	0.9999999
## 20785	3	0.9999999
## 20786	2	0.9999999
## 20787	3	0.9999999
## 20788	4	0.9999999
## 20789	4	0.9999999
## 20790	3	0.9999999
## 20791	3	0.9999999
## 20792	2	0.9999999
## 20793	2	0.9999999
## 20794	2	0.9999999
## 20795	1	0.9999999
## 20796	2	0.9999999
## 20797	2	0.9999999
## 20798	3	0.9999999
## 20799	3	0.9999999
## 20800	3	0.9999999
## 20801	3	0.9999999
## 20802	3	0.9999999
## 20803	2	0.9999999
## 20804	3	0.9999999
## 20805	3	0.9999999
## 20806	3	0.9999999
## 20807	2	0.9999999
## 20808	2	0.9999999
## 20809	4	0.9999999
## 20810	2	0.9999999
## 20811	3	0.9999999
## 20812	2	0.9999999
## 20813	3	0.9999999
## 20814	2	0.9999999
## 20815	4	0.9999999
## 20816	3	0.9999999
## 20817	4	0.9999999
## 20818	2	0.9999999
## 20819	4	0.9999999

## 20820	4	0.9999999
## 20821	4	0.9999999
## 20822	2	0.9999999
## 20823	4	0.9999998
## 20824	4	0.9999999
## 20825	2	0.9999999
## 20826	2	0.9999999
## 20827	4	0.9999999
## 20828	1	0.9999999
## 20829	4	0.9999999
## 20830	4	0.9999999
## 20831	3	0.9999999
## 20832	3	0.9999999
## 20833	2	0.9999999
## 20834	1	0.9999999
## 20835	2	0.9999999
## 20836	4	0.9999999
## 20837	4	0.9999999
## 20838	2	0.9999999
## 20839	3	0.9999999
## 20840	1	0.9999999
## 20841	4	0.9999999
## 20842	2	0.9999999
## 20843	3	0.9999999
## 20844	2	0.9999999
## 20845	3	0.9999999
## 20846	2	0.9999999
## 20847	4	0.9999999
## 20848	4	0.9999999
## 20849	2	0.9999999
## 20850	2	0.9999998
## 20851	3	0.9999999
## 20852	4	0.9999999
## 20853	0	0.9999999
## 20854	2	0.9999999
## 20855	2	0.9999999
## 20856	1	0.9999999
## 20857	1	0.9999999
## 20858	2	0.9999999
## 20859	4	0.9999999
## 20860	2	0.9999999
## 20861	2	0.9999999
## 20862	4	0.9999999
## 20863	1	0.9999999
## 20864	1	0.9999999
## 20865	3	0.9999999
## 20866	3	0.9999999
## 20867	3	0.9999999
## 20868	2	0.9999999
## 20869	3	0.9999999
## 20870	1	0.9999999
## 20871	3	0.9999999
## 20872	2	0.9999999
## 20873	1	0.9999999

## 20874	2	0.9999999
## 20875	3	0.9999999
## 20876	2	0.9999999
## 20877	0	0.9999999
## 20878	2	0.9999999
## 20879	2	0.9999999
## 20880	2	0.9999999
## 20881	4	0.9999999
## 20882	3	0.9999999
## 20883	3	0.9999999
## 20884	3	0.9999999
## 20885	2	0.9999999
## 20886	3	0.9999999
## 20887	2	0.9999999
## 20888	4	0.9999999
## 20889	3	0.9999999
## 20890	3	0.9999999
## 20891	1	0.9999999
## 20892	1	0.9999999
## 20893	1	0.9999999
## 20894	0	0.9999999
## 20895	3	0.9999999
## 20896	2	0.9999999
## 20897	2	0.9999999
## 20898	2	0.9999999
## 20899	0	0.9999999
## 20900	3	0.9999999
## 20901	3	0.9999999
## 20902	4	0.9999999
## 20903	4	0.9999999
## 20904	2	0.9999999
## 20905	2	0.9999999
## 20906	1	0.9999999
## 20907	4	0.9999999
## 20908	0	0.9999999
## 20909	4	0.9999999
## 20910	2	0.9999999
## 20911	2	0.9999999
## 20912	4	0.9999999
## 20913	2	0.9999999
## 20914	2	0.9999999
## 20915	3	0.9999999
## 20916	2	0.9999999
## 20917	0	0.9999999
## 20918	3	0.9999999
## 20919	4	0.9999999
## 20920	1	0.9999999
## 20921	2	0.9999999
## 20922	3	0.9999999
## 20923	4	0.9999999
## 20924	3	0.9999999
## 20925	3	0.9999999
## 20926	2	0.9999999
## 20927	3	0.9999999

## 20928	1	0.9999998
## 20929	4	0.9999999
## 20930	4	0.9999999
## 20931	2	0.9999999
## 20932	2	0.9999999
## 20933	4	0.9999999
## 20934	2	0.9999999
## 20935	4	0.9999999
## 20936	3	0.9999999
## 20937	2	0.9999999
## 20938	2	0.9999999
## 20939	0	0.9999999
## 20940	3	0.9999999
## 20941	2	0.9999999
## 20942	2	0.9999999
## 20943	2	0.9999999
## 20944	1	0.9999999
## 20945	3	0.9999999
## 20946	3	0.9999999
## 20947	1	0.9999999
## 20948	2	0.9999999
## 20949	1	0.9999999
## 20950	3	0.9999999
## 20951	2	0.9999999
## 20952	0	0.9999999
## 20953	4	0.9999999
## 20954	2	0.9999999
## 20955	2	0.9999999
## 20956	4	0.9999999
## 20957	2	0.9999999
## 20958	3	0.9999999
## 20959	1	0.9999999
## 20960	2	0.9999999
## 20961	2	0.9999999
## 20962	2	0.9999999
## 20963	2	0.9999999
## 20964	3	0.9999999
## 20965	3	0.9999999
## 20966	2	0.9999999
## 20967	4	0.9999999
## 20968	0	0.9999999
## 20969	0	0.9999999
## 20970	2	0.9999999
## 20971	4	0.9999998
## 20972	2	0.9999999
## 20973	4	0.9999999
## 20974	4	0.9999998
## 20975	3	0.9999999
## 20976	3	0.9999999
## 20977	2	0.9999998
## 20978	3	0.9999999
## 20979	2	0.9999999
## 20980	0	0.9999999
## 20981	3	0.9999999

## 20982	3	0.9999999
## 20983	2	0.9999999
## 20984	2	0.9999999
## 20985	3	0.9999999
## 20986	2	0.9999999
## 20987	2	0.9999999
## 20988	1	0.9999999
## 20989	2	0.9999999
## 20990	2	0.9999999
## 20991	2	0.9999999
## 20992	2	0.9999999
## 20993	2	0.9999999
## 20994	2	0.9999999
## 20995	3	0.9999999
## 20996	3	0.9999999
## 20997	2	0.9999999
## 20998	4	0.9999999
## 20999	2	0.9999999
## 21000	4	0.9999999
## 21001	3	0.9999998
## 21002	2	0.9999999
## 21003	3	0.9999999
## 21004	2	0.9999999
## 21005	3	0.9999999
## 21006	3	0.9999999
## 21007	2	0.9999999
## 21008	1	0.9999998
## 21009	2	0.9999999
## 21010	4	0.9999999
## 21011	2	0.9999999
## 21012	4	0.9999999
## 21013	1	0.9999999
## 21014	4	0.9999999
## 21015	2	0.9999999
## 21016	2	0.9999999
## 21017	2	0.9999999
## 21018	3	0.9999999
## 21019	3	0.9999999
## 21020	3	0.9999998
## 21021	2	0.9999999
## 21022	3	0.9999999
## 21023	2	0.9999999
## 21024	4	0.9999999
## 21025	2	0.9999999
## 21026	3	0.9999999
## 21027	3	0.9999999
## 21028	2	0.9999999
## 21029	3	0.9999999
## 21030	3	0.9999998
## 21031	2	0.9999999
## 21032	3	0.9999999
## 21033	3	0.9999999
## 21034	2	0.9999999
## 21035	3	0.9999999

## 21036	2	0.9999999
## 21037	3	0.9999999
## 21038	1	0.9999999
## 21039	4	0.9999999
## 21040	2	0.9999999
## 21041	2	0.9999999
## 21042	4	0.9999999
## 21043	0	0.9999999
## 21044	2	0.9999999
## 21045	3	0.9999999
## 21046	2	0.9999999
## 21047	2	0.9999999
## 21048	3	0.9999999
## 21049	4	0.9999999
## 21050	3	0.9999999
## 21051	2	0.9999999
## 21052	1	0.9999999
## 21053	2	0.9999999
## 21054	3	0.9999999
## 21055	2	0.9999999
## 21056	3	0.9999999
## 21057	4	0.9999999
## 21058	2	0.9999999
## 21059	1	0.9999999
## 21060	2	0.9999999
## 21061	2	0.9999999
## 21062	2	0.9999999
## 21063	3	0.9999999
## 21064	2	0.9999998
## 21065	4	0.9999999
## 21066	4	0.9999999
## 21067	4	0.9999999
## 21068	2	0.9999999
## 21069	2	0.9999999
## 21070	3	0.9999999
## 21071	3	0.9999999
## 21072	4	0.9999999
## 21073	2	0.9999999
## 21074	4	0.9999999
## 21075	2	0.9999999
## 21076	2	0.9999999
## 21077	3	0.9999999
## 21078	2	0.9999999
## 21079	3	0.9999999
## 21080	3	0.9999999
## 21081	3	0.9999999
## 21082	2	0.9999999
## 21083	3	0.9999999
## 21084	3	0.9999999
## 21085	2	0.9999999
## 21086	1	0.9999999
## 21087	4	0.9999999
## 21088	2	0.9999999
## 21089	2	0.9999999

## 21090	4	0.9999999
## 21091	4	0.9999999
## 21092	2	0.9999999
## 21093	2	0.9999999
## 21094	3	0.9999999
## 21095	2	0.9999999
## 21096	4	0.9999999
## 21097	2	0.9999999
## 21098	2	0.9999998
## 21099	1	0.9999999
## 21100	3	0.9999999
## 21101	2	0.9999999
## 21102	2	0.9999999
## 21103	2	0.9999999
## 21104	2	0.9999999
## 21105	2	0.9999999
## 21106	2	0.9999999
## 21107	2	0.9999999
## 21108	2	0.9999999
## 21109	4	0.9999999
## 21110	3	0.9999999
## 21111	4	0.9999999
## 21112	3	0.9999999
## 21113	2	0.9999999
## 21114	2	0.9999999
## 21115	3	0.9999999
## 21116	2	0.9999999
## 21117	1	0.9999999
## 21118	2	0.9999999
## 21119	3	0.9999999
## 21120	2	0.9999999
## 21121	3	0.9999999
## 21122	4	0.9999999
## 21123	2	0.9999998
## 21124	4	0.9999999
## 21125	2	0.9999999
## 21126	2	0.9999999
## 21127	3	0.9999999
## 21128	4	0.9999999
## 21129	2	0.9999999
## 21130	4	0.9999999
## 21131	4	0.9999999
## 21132	2	0.9999999
## 21133	2	0.9999999
## 21134	3	0.9999999
## 21135	2	0.9999999
## 21136	2	0.9999999
## 21137	2	0.9999999
## 21138	1	0.9999999
## 21139	4	0.9999999
## 21140	4	0.9999999
## 21141	2	0.9999999
## 21142	2	0.9999999
## 21143	2	0.9999999

## 21144	2	0.9999999
## 21145	2	0.9999999
## 21146	3	0.9999999
## 21147	3	0.9999999
## 21148	4	0.9999999
## 21149	2	0.9999999
## 21150	3	0.9999999
## 21151	2	0.9999999
## 21152	4	0.9999999
## 21153	3	0.9999999
## 21154	2	0.9999999
## 21155	2	0.9999999
## 21156	2	0.9999999
## 21157	4	0.9999999
## 21158	4	0.9999998
## 21159	4	0.9999999
## 21160	1	0.9999999
## 21161	4	0.9999999
## 21162	2	0.9999999
## 21163	4	0.9999999
## 21164	3	0.9999999
## 21165	3	0.9999999
## 21166	2	0.9999999
## 21167	1	0.9999999
## 21168	2	0.9999999
## 21169	2	0.9999999
## 21170	2	0.9999999
## 21171	2	0.9999999
## 21172	3	0.9999999
## 21173	0	0.9999999
## 21174	1	0.9999999
## 21175	2	0.9999999
## 21176	3	0.9999999
## 21177	3	0.9999999
## 21178	2	0.9999999
## 21179	4	0.9999999
## 21180	4	0.9999999
## 21181	4	0.9999999
## 21182	3	0.9999999
## 21183	2	0.9999999
## 21184	4	0.9999999
## 21185	2	0.9999999
## 21186	3	0.9999999
## 21187	2	0.9999999
## 21188	0	0.9999999
## 21189	4	0.9999999
## 21190	4	0.9999999
## 21191	2	0.9999999
## 21192	2	0.9999999
## 21193	4	0.9999999
## 21194	3	0.9999999
## 21195	2	0.9999999
## 21196	4	0.9999999
## 21197	2	0.9999999

## 21198	2	0.9999999
## 21199	3	0.9999999
## 21200	2	0.9999999
## 21201	2	0.9999999
## 21202	4	0.9999999
## 21203	2	0.9999999
## 21204	3	0.9999998
## 21205	1	0.9999999
## 21206	4	0.9999999
## 21207	2	0.9999999
## 21208	2	0.9999999
## 21209	2	0.9999999
## 21210	2	0.9999999
## 21211	1	0.9999999
## 21212	3	0.9999999
## 21213	2	0.9999999
## 21214	4	0.9999998
## 21215	1	0.9999999
## 21216	2	0.9999999
## 21217	1	0.9999999
## 21218	4	0.9999999
## 21219	3	0.9999999
## 21220	2	0.9999999
## 21221	2	0.9999999
## 21222	2	0.9999999
## 21223	2	0.9999999
## 21224	4	0.9999999
## 21225	4	0.9999998
## 21226	2	0.9999998
## 21227	2	0.9999999
## 21228	4	0.9999999
## 21229	4	0.9999999
## 21230	2	0.9999999
## 21231	2	0.9999999
## 21232	3	0.9999999
## 21233	4	0.9999999
## 21234	2	0.9999999
## 21235	2	0.9999999
## 21236	1	0.9999999
## 21237	3	0.9999999
## 21238	3	0.9999999
## 21239	3	0.9999999
## 21240	2	0.9999999
## 21241	1	0.9999999
## 21242	0	0.9999999
## 21243	2	0.9999999
## 21244	3	0.9999999
## 21245	3	0.9999999
## 21246	2	0.9999999
## 21247	2	0.9999999
## 21248	2	0.9999999
## 21249	3	0.9999999
## 21250	4	0.9999999
## 21251	3	0.9999999

## 21252	2	0.9999999
## 21253	2	0.9999999
## 21254	4	0.9999999
## 21255	2	0.9999999
## 21256	4	0.9999999
## 21257	3	0.9999999
## 21258	3	0.9999998
## 21259	3	0.9999999
## 21260	0	0.9999999
## 21261	4	0.9999999
## 21262	3	0.9999998
## 21263	4	0.9999999
## 21264	4	0.9999999
## 21265	3	0.9999998
## 21266	3	0.9999999
## 21267	4	0.9999999
## 21268	3	0.9999999
## 21269	3	0.9999999
## 21270	3	0.9999999
## 21271	1	0.9999999
## 21272	3	0.9999999
## 21273	2	0.9999999
## 21274	3	0.9999999
## 21275	3	0.9999999
## 21276	3	0.9999999
## 21277	2	0.9999999
## 21278	2	0.9999999
## 21279	2	0.9999999
## 21280	3	0.9999999
## 21281	3	0.9999998
## 21282	4	0.9999999
## 21283	3	0.9999999
## 21284	2	0.9999999
## 21285	2	0.9999999
## 21286	2	0.9999999
## 21287	2	0.9999999
## 21288	3	0.9999998
## 21289	2	0.9999999
## 21290	3	0.9999998
## 21291	3	0.9999998
## 21292	3	0.9999999
## 21293	3	0.9999998
## 21294	4	0.9999999
## 21295	1	0.9999999
## 21296	3	0.9999999
## 21297	3	0.9999999
## 21298	3	0.9999999
## 21299	4	0.9999998
## 21300	2	0.9999999
## 21301	2	0.9999999
## 21302	3	0.9999999
## 21303	3	0.9999999
## 21304	4	0.9999999
## 21305	2	0.9999999

## 21306	1	0.9999999
## 21307	2	0.9999999
## 21308	4	0.9999999
## 21309	3	0.9999999
## 21310	3	0.9999999
## 21311	3	0.9999999
## 21312	3	0.9999998
## 21313	2	0.9999999
## 21314	4	0.9999999
## 21315	4	0.9999999
## 21316	4	0.9999999
## 21317	2	0.9999999
## 21318	2	0.9999999
## 21319	2	0.9999999
## 21320	2	0.9999999
## 21321	0	0.9999998
## 21322	3	0.9999999
## 21323	1	0.9999999
## 21324	2	0.9999999
## 21325	2	0.9999999
## 21326	3	0.9999999
## 21327	3	0.9999999
## 21328	2	0.9999999
## 21329	2	0.9999999
## 21330	4	0.9999999
## 21331	2	0.9999999
## 21332	1	0.9999999
## 21333	3	0.9999999
## 21334	2	0.9999999
## 21335	4	0.9999998
## 21336	4	0.9999999
## 21337	3	0.9999999
## 21338	3	0.9999999
## 21339	3	0.9999999
## 21340	2	0.9999999
## 21341	4	0.9999999
## 21342	2	0.9999999
## 21343	4	0.9999999
## 21344	3	0.9999999
## 21345	2	0.9999999
## 21346	3	0.9999999
## 21347	2	0.9999999
## 21348	0	0.9999999
## 21349	2	0.9999999
## 21350	2	0.9999999
## 21351	4	0.9999999
## 21352	3	0.9999999
## 21353	4	0.9999999
## 21354	2	0.9999999
## 21355	1	0.9999999
## 21356	3	0.9999999
## 21357	4	0.9999999
## 21358	4	0.9999999
## 21359	2	0.9999999

## 21360	1	0.9999999
## 21361	3	0.9999999
## 21362	3	0.9999999
## 21363	3	0.9999999
## 21364	3	0.9999999
## 21365	2	0.9999999
## 21366	2	0.9999999
## 21367	3	0.9999999
## 21368	3	0.9999999
## 21369	4	0.9999999
## 21370	4	0.9999999
## 21371	2	0.9999999
## 21372	3	0.9999999
## 21373	3	0.9999999
## 21374	2	0.9999999
## 21375	4	0.9999999
## 21376	2	0.9999999
## 21377	2	0.9999999
## 21378	2	0.9999999
## 21379	2	0.9999998
## 21380	0	0.9999998
## 21381	4	0.9999999
## 21382	2	0.9999999
## 21383	3	0.9999999
## 21384	4	0.9999999
## 21385	2	0.9999999
## 21386	3	0.9999999
## 21387	2	0.9999999
## 21388	3	0.9999999
## 21389	4	0.9999999
## 21390	4	0.9999999
## 21391	2	0.9999999
## 21392	2	0.9999999
## 21393	2	0.9999999
## 21394	4	0.9999999
## 21395	4	0.9999999
## 21396	4	0.9999999
## 21397	3	0.9999999
## 21398	3	0.9999999
## 21399	2	0.9999999
## 21400	3	0.9999999
## 21401	2	0.9999999
## 21402	2	0.9999999
## 21403	4	0.9999999
## 21404	1	0.9999999
## 21405	2	0.9999999
## 21406	4	0.9999999
## 21407	4	0.9999999
## 21408	2	0.9999999
## 21409	2	0.9999999
## 21410	3	0.9999999
## 21411	4	0.9999999
## 21412	3	0.9999999
## 21413	3	0.9999999

## 21414	4	0.9999999
## 21415	3	0.9999999
## 21416	2	0.9999999
## 21417	1	0.9999999
## 21418	2	0.9999999
## 21419	2	0.9999999
## 21420	4	0.9999999
## 21421	2	0.9999999
## 21422	3	0.9999998
## 21423	4	0.9999999
## 21424	2	0.9999999
## 21425	2	0.9999999
## 21426	2	0.9999998
## 21427	4	0.9999999
## 21428	1	0.9999999
## 21429	3	0.9999999
## 21430	3	0.9999999
## 21431	3	0.9999999
## 21432	2	0.9999999
## 21433	2	0.9999998
## 21434	0	0.9999999
## 21435	4	0.9999999
## 21436	2	0.9999999
## 21437	1	0.9999999
## 21438	2	0.9999999
## 21439	3	0.9999999
## 21440	3	0.9999999
## 21441	2	0.9999999
## 21442	2	0.9999999
## 21443	3	0.9999999
## 21444	4	0.9999999
## 21445	2	0.9999999
## 21446	4	0.9999999
## 21447	2	0.9999999
## 21448	2	0.9999999
## 21449	3	0.9999999
## 21450	4	0.9999999
## 21451	2	0.9999999
## 21452	3	0.9999999
## 21453	2	0.9999999
## 21454	4	0.9999999
## 21455	3	0.9999999
## 21456	1	0.9999999
## 21457	3	0.9999999
## 21458	2	0.9999999
## 21459	2	0.9999998
## 21460	3	0.9999999
## 21461	3	0.9999999
## 21462	3	0.9999999
## 21463	2	0.9999999
## 21464	4	0.9999999
## 21465	0	0.9999999
## 21466	4	0.9999999
## 21467	1	0.9999999

## 21468	2	0.9999999
## 21469	1	0.9999999
## 21470	4	0.9999999
## 21471	4	0.9999999
## 21472	2	0.9999999
## 21473	4	0.9999999
## 21474	2	0.9999999
## 21475	2	0.9999999
## 21476	0	0.9999999
## 21477	1	0.9999999
## 21478	4	0.9999999
## 21479	2	0.9999999
## 21480	2	0.9999999
## 21481	4	0.9999999
## 21482	2	0.9999999
## 21483	3	0.9999999
## 21484	1	0.9999999
## 21485	3	0.9999999
## 21486	2	0.9999999
## 21487	3	0.9999999
## 21488	3	0.9999999
## 21489	3	0.9999999
## 21490	4	0.9999999
## 21491	2	0.9999999
## 21492	4	0.9999999
## 21493	2	0.9999999
## 21494	1	0.9999999
## 21495	3	0.9999999
## 21496	2	0.9999999
## 21497	4	0.9999999
## 21498	1	0.9999999
## 21499	1	0.9999999
## 21500	1	0.9999999
## 21501	3	0.9999999
## 21502	2	0.9999999
## 21503	2	0.9999999
## 21504	2	0.9999999
## 21505	2	0.9999999
## 21506	3	0.9999999
## 21507	4	0.9999999
## 21508	1	0.9999999
## 21509	1	0.9999999
## 21510	2	0.9999999
## 21511	2	0.9999999
## 21512	1	0.9999999
## 21513	2	0.9999999
## 21514	2	0.9999999
## 21515	4	0.9999999
## 21516	2	0.9999999
## 21517	3	0.9999999
## 21518	3	0.9999998
## 21519	3	0.9999999
## 21520	3	0.9999999
## 21521	4	0.9999999

## 21522	3	0.9999999
## 21523	1	0.9999999
## 21524	3	0.9999999
## 21525	2	0.9999999
## 21526	1	0.9999998
## 21527	1	0.9999999
## 21528	3	0.9999999
## 21529	3	0.9999999
## 21530	2	0.9999999
## 21531	3	0.9999999
## 21532	0	0.9999999
## 21533	2	0.9999999
## 21534	3	0.9999999
## 21535	0	0.9999999
## 21536	2	0.9999999
## 21537	2	0.9999999
## 21538	4	0.9999999
## 21539	4	0.9999999
## 21540	2	0.9999999
## 21541	4	0.9999999
## 21542	2	0.9999999
## 21543	2	0.9999999
## 21544	1	0.9999999
## 21545	4	0.9999999
## 21546	1	0.9999998
## 21547	4	0.9999999
## 21548	1	0.9999999
## 21549	2	0.9999999
## 21550	4	0.9999999
## 21551	2	0.9999999
## 21552	2	0.9999999
## 21553	3	0.9999999
## 21554	3	0.9999999
## 21555	2	0.9999999
## 21556	3	0.9999999
## 21557	1	0.9999999
## 21558	4	0.9999999
## 21559	2	0.9999999
## 21560	1	0.9999999
## 21561	4	0.9999998
## 21562	2	0.9999999
## 21563	4	0.9999998
## 21564	1	0.9999999
## 21565	1	0.9999999
## 21566	3	0.9999999
## 21567	2	0.9999999
## 21568	4	0.9999999
## 21569	3	0.9999999
## 21570	2	0.9999999
## 21571	4	0.9999999
## 21572	3	0.9999999
## 21573	2	0.9999999
## 21574	2	0.9999999
## 21575	4	0.9999999

## 21576	2	0.9999999
## 21577	2	0.9999998
## 21578	4	0.9999999
## 21579	2	0.9999999
## 21580	2	0.9999999
## 21581	4	0.9999999
## 21582	3	0.9999999
## 21583	2	0.9999999
## 21584	2	0.9999999
## 21585	3	0.9999999
## 21586	4	0.9999999
## 21587	3	0.9999999
## 21588	4	0.9999999
## 21589	1	0.9999999
## 21590	3	0.9999999
## 21591	2	0.9999999
## 21592	3	0.9999999
## 21593	2	0.9999998
## 21594	3	0.9999999
## 21595	2	0.9999999
## 21596	3	0.9999999
## 21597	2	0.9999999
## 21598	3	0.9999999
## 21599	0	0.9999998
## 21600	1	0.9999999
## 21601	2	0.9999999
## 21602	2	0.9999999
## 21603	2	0.9999999
## 21604	2	0.9999999
## 21605	2	0.9999999
## 21606	4	0.9999999
## 21607	3	0.9999999
## 21608	2	0.9999999
## 21609	2	0.9999999
## 21610	3	0.9999999
## 21611	2	0.9999999
## 21612	2	0.9999999
## 21613	0	0.9999999
## 21614	4	0.9999999
## 21615	2	0.9999999
## 21616	3	0.9999998
## 21617	2	0.9999999
## 21618	4	0.9999999
## 21619	4	0.9999999
## 21620	2	0.9999999
## 21621	2	0.9999999
## 21622	2	0.9999999
## 21623	3	0.9999999
## 21624	3	0.9999999
## 21625	3	0.9999999
## 21626	0	0.9999999
## 21627	3	0.9999999
## 21628	4	0.9999999
## 21629	2	0.9999999

## 21630	3	0.9999999
## 21631	4	0.9999999
## 21632	0	0.9999999
## 21633	4	0.9999999
## 21634	4	0.9999999
## 21635	2	0.9999999
## 21636	2	0.9999999
## 21637	2	0.9999999
## 21638	2	0.9999999
## 21639	2	0.9999999
## 21640	3	0.9999999
## 21641	2	0.9999999
## 21642	1	0.9999999
## 21643	2	0.9999999
## 21644	1	0.9999999
## 21645	4	0.9999999
## 21646	4	0.9999999
## 21647	2	0.9999999
## 21648	2	0.9999999
## 21649	4	0.9999999
## 21650	2	0.9999999
## 21651	2	0.9999999
## 21652	2	0.9999999
## 21653	3	0.9999999
## 21654	2	0.9999998
## 21655	2	0.9999999
## 21656	2	0.9999999
## 21657	1	0.9999999
## 21658	4	0.9999999
## 21659	4	0.9999999
## 21660	4	0.9999999
## 21661	3	0.9999999
## 21662	3	0.9999999
## 21663	4	0.9999999
## 21664	1	0.9999999
## 21665	4	0.9999999
## 21666	2	0.9999999
## 21667	2	0.9999999
## 21668	2	0.9999999
## 21669	2	0.9999999
## 21670	4	0.9999999
## 21671	3	0.9999999
## 21672	3	0.9999999
## 21673	4	0.9999998
## 21674	3	0.9999999
## 21675	2	0.9999999
## 21676	2	0.9999999
## 21677	1	0.9999999
## 21678	4	0.9999999
## 21679	3	0.9999999
## 21680	3	0.9999999
## 21681	2	0.9999999
## 21682	0	0.9999999
## 21683	2	0.9999999

## 21684	4	0.9999999
## 21685	2	0.9999999
## 21686	1	0.9999999
## 21687	0	0.9999999
## 21688	2	0.9999999
## 21689	2	0.9999999
## 21690	2	0.9999999
## 21691	3	0.9999999
## 21692	2	0.9999999
## 21693	4	0.9999999
## 21694	2	0.9999999
## 21695	4	0.9999999
## 21696	2	0.9999999
## 21697	3	0.9999998
## 21698	1	0.9999999
## 21699	1	0.9999999
## 21700	4	0.9999999
## 21701	2	0.9999999
## 21702	2	0.9999999
## 21703	2	0.9999999
## 21704	4	0.9999999
## 21705	3	0.9999999
## 21706	2	0.9999999
## 21707	1	0.9999999
## 21708	4	0.9999999
## 21709	2	0.9999999
## 21710	3	0.9999998
## 21711	4	0.9999999
## 21712	3	0.9999999
## 21713	1	0.9999999
## 21714	3	0.9999999
## 21715	3	0.9999999
## 21716	2	0.9999998
## 21717	3	0.9999999
## 21718	4	0.9999999
## 21719	4	0.9999999
## 21720	3	0.9999999
## 21721	2	0.9999999
## 21722	2	0.9999999
## 21723	2	0.9999999
## 21724	2	0.9999999
## 21725	4	0.9999999
## 21726	2	0.9999999
## 21727	3	0.9999999
## 21728	2	0.9999999
## 21729	4	0.9999999
## 21730	2	0.9999999
## 21731	0	0.9999999
## 21732	3	0.9999999
## 21733	2	0.9999999
## 21734	4	0.9999999
## 21735	4	0.9999999
## 21736	2	0.9999999
## 21737	4	0.9999999

## 21738	2	0.9999999
## 21739	2	0.9999999
## 21740	3	0.9999999
## 21741	3	0.9999999
## 21742	3	0.9999999
## 21743	3	0.9999999
## 21744	2	0.9999999
## 21745	4	0.9999999
## 21746	2	0.9999999
## 21747	4	0.9999999
## 21748	1	0.9999998
## 21749	2	0.9999999
## 21750	4	0.9999999
## 21751	4	0.9999999
## 21752	2	0.9999999
## 21753	4	0.9999999
## 21754	2	0.9999999
## 21755	1	0.9999999
## 21756	4	0.9999999
## 21757	2	0.9999999
## 21758	3	0.9999999
## 21759	2	0.9999999
## 21760	2	0.9999999
## 21761	1	0.9999999
## 21762	3	0.9999999
## 21763	4	0.9999999
## 21764	2	0.9999999
## 21765	1	0.9999999
## 21766	4	0.9999999
## 21767	1	0.9999999
## 21768	3	0.9999999
## 21769	1	0.9999999
## 21770	2	0.9999999
## 21771	2	0.9999999
## 21772	2	0.9999999
## 21773	2	0.9999999
## 21774	3	0.9999999
## 21775	2	0.9999999
## 21776	0	0.9999999
## 21777	2	0.9999999
## 21778	2	0.9999999
## 21779	2	0.9999999
## 21780	3	0.9999999
## 21781	4	0.9999999
## 21782	3	0.9999999
## 21783	2	0.9999999
## 21784	2	0.9999999
## 21785	4	0.9999999
## 21786	2	0.9999999
## 21787	4	0.9999999
## 21788	2	0.9999999
## 21789	3	0.9999999
## 21790	2	0.9999999
## 21791	4	0.9999999

## 21792	1	0.9999999
## 21793	3	0.9999999
## 21794	2	0.9999999
## 21795	2	0.9999999
## 21796	2	0.9999999
## 21797	4	0.9999999
## 21798	2	0.9999999
## 21799	3	0.9999999
## 21800	3	0.9999998
## 21801	1	0.9999999
## 21802	3	0.9999999
## 21803	2	0.9999999
## 21804	4	0.9999999
## 21805	1	0.9999999
## 21806	4	0.9999999
## 21807	1	0.9999999
## 21808	2	0.9999999
## 21809	3	0.9999999
## 21810	2	0.9999999
## 21811	3	0.9999999
## 21812	3	0.9999999
## 21813	2	0.9999999
## 21814	4	0.9999999
## 21815	2	0.9999998
## 21816	3	0.9999999
## 21817	2	0.9999999
## 21818	2	0.9999999
## 21819	4	0.9999999
## 21820	3	0.9999999
## 21821	4	0.9999999
## 21822	2	0.9999999
## 21823	2	0.9999999
## 21824	2	0.9999999
## 21825	3	0.9999999
## 21826	3	0.9999998
## 21827	4	0.9999999
## 21828	4	0.9999999
## 21829	2	0.9999999
## 21830	1	0.9999999
## 21831	3	0.9999999
## 21832	3	0.9999999
## 21833	4	0.9999999
## 21834	2	0.9999999
## 21835	2	0.9999999
## 21836	2	0.9999998
## 21837	3	0.9999999
## 21838	2	0.9999999
## 21839	4	0.9999999
## 21840	3	0.9999999
## 21841	3	0.9999999
## 21842	2	0.9999999
## 21843	2	0.9999999
## 21844	2	0.9999999
## 21845	2	0.9999999

## 21846	3	0.9999999
## 21847	1	0.9999999
## 21848	3	0.9999998
## 21849	2	0.9999999
## 21850	2	0.9999999
## 21851	4	0.9999999
## 21852	3	0.9999999
## 21853	1	0.9999999
## 21854	2	0.9999999
## 21855	4	0.9999999
## 21856	2	0.9999998
## 21857	4	0.9999999
## 21858	2	0.9999999
## 21859	4	0.9999999
## 21860	3	0.9999999
## 21861	2	0.9999999
## 21862	3	0.9999999
## 21863	3	0.9999999
## 21864	1	0.9999999
## 21865	4	0.9999999
## 21866	3	0.9999999
## 21867	2	0.9999999
## 21868	2	0.9999999
## 21869	2	0.9999999
## 21870	4	0.9999999
## 21871	3	0.9999999
## 21872	2	0.9999999
## 21873	1	0.9999999
## 21874	2	0.9999999
## 21875	4	0.9999999
## 21876	3	0.9999999
## 21877	1	0.9999999
## 21878	2	0.9999999
## 21879	3	0.9999999
## 21880	2	0.9999999
## 21881	4	0.9999999
## 21882	2	0.9999999
## 21883	1	0.9999999
## 21884	2	0.9999999
## 21885	3	0.9999999
## 21886	4	0.9999999
## 21887	4	0.9999999
## 21888	2	0.9999998
## 21889	1	0.9999999
## 21890	3	0.9999998
## 21891	4	0.9999999
## 21892	2	0.9999999
## 21893	4	0.9999999
## 21894	3	0.9999999
## 21895	2	0.9999999
## 21896	3	0.9999999
## 21897	2	0.9999999
## 21898	1	0.9999999
## 21899	4	0.9999999

## 21900	2	0.9999999
## 21901	0	0.9999999
## 21902	4	0.9999999
## 21903	4	0.9999999
## 21904	3	0.9999999
## 21905	1	0.9999999
## 21906	2	0.9999999
## 21907	4	0.9999999
## 21908	4	0.9999999
## 21909	3	0.9999999
## 21910	3	0.9999999
## 21911	4	0.9999999
## 21912	2	0.9999999
## 21913	2	0.9999999
## 21914	2	0.9999999
## 21915	2	0.9999998
## 21916	2	0.9999999
## 21917	3	0.9999999
## 21918	3	0.9999999
## 21919	2	0.9999999
## 21920	2	0.9999999
## 21921	2	0.9999999
## 21922	2	0.9999999
## 21923	4	0.9999999
## 21924	1	0.9999999
## 21925	2	0.9999999
## 21926	3	0.9999999
## 21927	2	0.9999999
## 21928	3	0.9999999
## 21929	4	0.9999999
## 21930	2	0.9999999
## 21931	2	0.9999999
## 21932	3	0.9999999
## 21933	4	0.9999999
## 21934	3	0.9999999
## 21935	4	0.9999999
## 21936	2	0.9999999
## 21937	3	0.9999999
## 21938	1	0.9999999
## 21939	3	0.9999999
## 21940	2	0.9999998
## 21941	2	0.9999999
## 21942	0	0.9999999
## 21943	4	0.9999999
## 21944	2	0.9999999
## 21945	2	0.9999999
## 21946	3	0.9999999
## 21947	4	0.9999999
## 21948	4	0.9999999
## 21949	3	0.9999999
## 21950	1	0.9999999
## 21951	4	0.9999999
## 21952	2	0.9999999
## 21953	2	0.9999999

## 21954	3	0.9999999
## 21955	4	0.9999999
## 21956	4	0.9999999
## 21957	4	0.9999999
## 21958	3	0.9999999
## 21959	4	0.9999999
## 21960	4	0.9999999
## 21961	3	0.9999999
## 21962	3	0.9999999
## 21963	1	0.9999999
## 21964	4	0.9999999
## 21965	3	0.9999999
## 21966	3	0.9999999
## 21967	4	0.9999999
## 21968	4	0.9999999
## 21969	2	0.9999999
## 21970	4	0.9999999
## 21971	2	0.9999999
## 21972	3	0.9999999
## 21973	2	0.9999999
## 21974	3	0.9999999
## 21975	1	0.9999999
## 21976	2	0.9999999
## 21977	2	0.9999999
## 21978	1	0.9999999
## 21979	2	0.9999999
## 21980	3	0.9999999
## 21981	3	0.9999999
## 21982	2	0.9999999
## 21983	2	0.9999999
## 21984	4	0.9999999
## 21985	2	0.9999999
## 21986	2	0.9999998
## 21987	2	0.9999999
## 21988	2	0.9999999
## 21989	2	0.9999999
## 21990	2	0.9999999
## 21991	1	0.9999999
## 21992	3	0.9999999
## 21993	2	0.9999999
## 21994	3	0.9999999
## 21995	2	0.9999999
## 21996	2	0.9999999
## 21997	3	0.9999999
## 21998	0	0.9999999
## 21999	1	0.9999999
## 22000	3	0.9999999
## 22001	1	0.9999999
## 22002	0	0.9999999
## 22003	2	0.9999999
## 22004	4	0.9999999
## 22005	2	0.9999999
## 22006	2	0.9999999
## 22007	3	0.9999999

## 22008	1	0.9999999
## 22009	2	0.9999999
## 22010	2	0.9999999
## 22011	2	0.9999998
## 22012	2	0.9999999
## 22013	2	0.9999999
## 22014	2	0.9999999
## 22015	3	0.9999999
## 22016	3	0.9999999
## 22017	0	0.9999999
## 22018	1	0.9999999
## 22019	2	0.9999999
## 22020	2	0.9999999
## 22021	1	0.9999999
## 22022	2	0.9999999
## 22023	1	0.9999999
## 22024	2	0.9999999
## 22025	4	0.9999999
## 22026	4	0.9999999
## 22027	3	0.9999999
## 22028	4	0.9999999
## 22029	3	0.9999999
## 22030	3	0.9999999
## 22031	2	0.9999999
## 22032	2	0.9999999
## 22033	4	0.9999998
## 22034	2	0.9999999
## 22035	2	0.9999999
## 22036	4	0.9999999
## 22037	3	0.9999999
## 22038	2	0.9999999
## 22039	4	0.9999999
## 22040	2	0.9999999
## 22041	1	0.9999999
## 22042	4	0.9999999
## 22043	4	0.9999999
## 22044	3	0.9999998
## 22045	2	0.9999999
## 22046	3	0.9999998
## 22047	3	0.9999999
## 22048	1	0.9999999
## 22049	3	0.9999999
## 22050	0	0.9999999
## 22051	3	0.9999999
## 22052	2	0.9999999
## 22053	4	0.9999999
## 22054	2	0.9999999
## 22055	3	0.9999999
## 22056	4	0.9999999
## 22057	4	0.9999999
## 22058	4	0.9999999
## 22059	4	0.9999999
## 22060	1	0.9999998
## 22061	1	0.9999999

## 22062	3	0.9999999
## 22063	3	0.9999999
## 22064	1	0.9999999
## 22065	4	0.9999999
## 22066	2	0.9999999
## 22067	2	0.9999999
## 22068	2	0.9999999
## 22069	4	0.9999999
## 22070	3	0.9999999
## 22071	3	0.9999999
## 22072	4	0.9999999
## 22073	4	0.9999999
## 22074	2	0.9999998
## 22075	2	0.9999999
## 22076	2	0.9999999
## 22077	2	0.9999999
## 22078	2	0.9999999
## 22079	2	0.9999999
## 22080	2	0.9999999
## 22081	3	0.9999999
## 22082	3	0.9999999
## 22083	4	0.9999999
## 22084	4	0.9999999
## 22085	3	0.9999999
## 22086	2	0.9999999
## 22087	3	0.9999999
## 22088	2	0.9999999
## 22089	3	0.9999999
## 22090	2	0.9999999
## 22091	2	0.9999999
## 22092	4	0.9999999
## 22093	3	0.9999999
## 22094	3	0.9999999
## 22095	2	0.9999999
## 22096	2	0.9999999
## 22097	3	0.9999999
## 22098	3	0.9999999
## 22099	1	0.9999999
## 22100	2	0.9999999
## 22101	2	0.9999999
## 22102	4	0.9999999
## 22103	3	0.9999999
## 22104	2	0.9999999
## 22105	3	0.9999999
## 22106	2	0.9999999
## 22107	2	0.9999999
## 22108	0	0.9999999
## 22109	2	0.9999999
## 22110	4	0.9999999
## 22111	2	0.9999999
## 22112	2	0.9999999
## 22113	3	0.9999999
## 22114	3	0.9999999
## 22115	1	0.9999999

## 22116	3	0.9999999
## 22117	3	0.9999999
## 22118	2	0.9999999
## 22119	1	0.9999998
## 22120	2	0.9999999
## 22121	4	0.9999999
## 22122	1	0.9999999
## 22123	2	0.9999999
## 22124	2	0.9999999
## 22125	4	0.9999999
## 22126	2	0.9999999
## 22127	2	0.9999998
## 22128	2	0.9999999
## 22129	2	0.9999999
## 22130	2	0.9999999
## 22131	2	0.9999999
## 22132	3	0.9999999
## 22133	2	0.9999999
## 22134	2	0.9999999
## 22135	2	0.9999999
## 22136	2	0.9999999
## 22137	2	0.9999999
## 22138	4	0.9999999
## 22139	2	0.9999999
## 22140	1	0.9999999
## 22141	3	0.9999999
## 22142	4	0.9999999
## 22143	2	0.9999999
## 22144	1	0.9999999
## 22145	3	0.9999999
## 22146	2	0.9999999
## 22147	2	0.9999999
## 22148	3	0.9999999
## 22149	3	0.9999999
## 22150	3	0.9999999
## 22151	2	0.9999999
## 22152	3	0.9999999
## 22153	2	0.9999999
## 22154	3	0.9999999
## 22155	2	0.9999999
## 22156	2	0.9999999
## 22157	0	0.9999999
## 22158	2	0.9999999
## 22159	2	0.9999999
## 22160	2	0.9999999
## 22161	2	0.9999999
## 22162	1	0.9999999
## 22163	3	0.9999999
## 22164	2	0.9999999
## 22165	3	0.9999999
## 22166	4	0.9999999
## 22167	3	0.9999998
## 22168	3	0.9999998
## 22169	3	0.9999999

## 22170	2	0.9999999
## 22171	2	0.9999999
## 22172	2	0.9999999
## 22173	3	0.9999999
## 22174	3	0.9999999
## 22175	0	0.9999999
## 22176	2	0.9999999
## 22177	4	0.9999999
## 22178	2	0.9999999
## 22179	4	0.9999999
## 22180	3	0.9999999
## 22181	4	0.9999999
## 22182	4	0.9999999
## 22183	1	0.9999999
## 22184	3	0.9999999
## 22185	2	0.9999999
## 22186	3	0.9999999
## 22187	3	0.9999999
## 22188	3	0.9999999
## 22189	2	0.9999999
## 22190	4	0.9999999
## 22191	1	0.9999999
## 22192	2	0.9999999
## 22193	2	0.9999999
## 22194	4	0.9999999
## 22195	1	0.9999999
## 22196	3	0.9999999
## 22197	4	0.9999999
## 22198	4	0.9999998
## 22199	4	0.9999999
## 22200	2	0.9999999
## 22201	1	0.9999999
## 22202	1	0.9999999
## 22203	0	0.9999999
## 22204	2	0.9999999
## 22205	2	0.9999999
## 22206	2	0.9999999
## 22207	2	0.9999999
## 22208	3	0.9999999
## 22209	4	0.9999999
## 22210	4	0.9999999
## 22211	1	0.9999999
## 22212	3	0.9999999
## 22213	2	0.9999999
## 22214	2	0.9999999
## 22215	3	0.9999999
## 22216	1	0.9999999
## 22217	3	0.9999999
## 22218	3	0.9999999
## 22219	2	0.9999999
## 22220	2	0.9999999
## 22221	2	0.9999999
## 22222	4	0.9999999
## 22223	4	0.9999999

##	22224	4	0.9999999
##	22225	1	0.9999999
##	22226	2	0.9999999
##	22227	4	0.9999999
##	22228	2	0.9999999
##	22229	3	0.9999999
##	22230	2	0.9999999
##	22231	4	0.9999999
##	22232	3	0.9999999
##	22233	2	0.9999999
##	22234	3	0.9999999
##	22235	4	0.9999999
##	22236	2	0.9999999
##	22237	1	0.9999999
##	22238	4	0.9999999
##	22239	2	0.9999999
##	22240	2	0.9999999
##	22241	3	0.9999999
##	22242	2	0.9999999
##	22243	4	0.9999999
##	22244	2	0.9999999
##	22245	2	0.9999999
##	22246	3	0.9999999
##	22247	0	0.9999999
##	22248	2	0.9999999
##	22249	1	0.9999999
##	22250	4	0.9999999
##	22251	3	0.9999999
##	22252	2	0.9999999
##	22253	2	0.9999999
##	22254	4	0.9999999
##	22255	2	0.9999999
##	22256	2	0.9999999
##	22257	3	0.9999999
##	22258	4	0.9999999
##	22259	2	0.9999999
##	22260	4	0.9999999
##	22261	2	0.9999999
##	22262	2	0.9999999
##	22263	4	0.9999999
##	22264	4	0.9999999
##	22265	4	0.9999998
##	22266	3	0.9999999
##	22267	2	0.9999999
##	22268	4	0.9999999
##	22269	3	0.9999999
##	22270	2	0.9999999
##	22271	4	0.9999999
##	22272	3	0.9999999
##	22273	2	0.9999999
##	22274	4	0.9999999
##	22275	2	0.9999999
##	22276	4	0.9999999
##	22277	2	0.9999999

## 22278	2	0.9999999
## 22279	3	0.9999999
## 22280	3	0.9999999
## 22281	2	0.9999999
## 22282	1	0.9999999
## 22283	0	0.9999999
## 22284	4	0.9999999
## 22285	4	0.9999999
## 22286	1	0.9999999
## 22287	1	0.9999999
## 22288	3	0.9999999
## 22289	2	0.9999999
## 22290	1	0.9999999
## 22291	4	0.9999999
## 22292	3	0.9999999
## 22293	0	0.9999999
## 22294	3	0.9999999
## 22295	4	0.9999999
## 22296	2	0.9999999
## 22297	2	0.9999999
## 22298	2	0.9999999
## 22299	4	0.9999999
## 22300	1	0.9999999
## 22301	3	0.9999999
## 22302	4	0.9999999
## 22303	1	0.9999999
## 22304	3	0.9999999
## 22305	4	0.9999999
## 22306	4	0.9999999
## 22307	3	0.9999999
## 22308	3	0.9999999
## 22309	2	0.9999999
## 22310	4	0.9999999
## 22311	4	0.9999999
## 22312	2	0.9999999
## 22313	1	0.9999999
## 22314	2	0.9999999
## 22315	2	0.9999999
## 22316	3	0.9999999
## 22317	4	0.9999999
## 22318	1	0.9999999
## 22319	4	0.9999999
## 22320	2	0.9999998
## 22321	2	0.9999999
## 22322	1	0.9999999
## 22323	4	0.9999999
## 22324	2	0.9999998
## 22325	1	0.9999999
## 22326	2	0.9999999
## 22327	4	0.9999999
## 22328	2	0.9999998
## 22329	3	0.9999999
## 22330	3	0.9999999
## 22331	3	0.9999999

##	22332	2	0.9999999
##	22333	3	0.9999999
##	22334	4	0.9999999
##	22335	3	0.9999999
##	22336	2	0.9999999
##	22337	2	0.9999999
##	22338	3	0.9999999
##	22339	2	0.9999999
##	22340	3	0.9999999
##	22341	1	0.9999999
##	22342	3	0.9999999
##	22343	2	0.9999999
##	22344	2	0.9999999
##	22345	4	0.9999999
##	22346	4	0.9999999
##	22347	2	0.9999999
##	22348	4	0.9999999
##	22349	3	0.9999999
##	22350	3	0.9999999
##	22351	3	0.9999999
##	22352	2	0.9999999
##	22353	3	0.9999999
##	22354	2	0.9999999
##	22355	2	0.9999999
##	22356	3	0.9999999
##	22357	4	0.9999999
##	22358	4	0.9999999
##	22359	2	0.9999999
##	22360	3	0.9999999
##	22361	4	0.9999999
##	22362	2	0.9999999
##	22363	2	0.9999999
##	22364	4	0.9999999
##	22365	2	0.9999999
##	22366	2	0.9999999
##	22367	3	0.9999999
##	22368	4	0.9999999
##	22369	4	0.9999999
##	22370	2	0.9999999
##	22371	4	0.9999999
##	22372	2	0.9999999
##	22373	0	0.9999999
##	22374	3	0.9999999
##	22375	4	0.9999999
##	22376	1	0.9999999
##	22377	3	0.9999999
##	22378	1	0.9999999
##	22379	2	0.9999999
##	22380	4	0.9999999
##	22381	4	0.9999999
##	22382	2	0.9999999
##	22383	3	0.9999999
##	22384	3	0.9999998
##	22385	1	0.9999999

## 22386	3	0.9999999
## 22387	2	0.9999999
## 22388	3	0.9999999
## 22389	2	0.9999999
## 22390	3	0.9999999
## 22391	3	0.9999999
## 22392	2	0.9999999
## 22393	4	0.9999999
## 22394	3	0.9999999
## 22395	3	0.9999999
## 22396	3	0.9999999
## 22397	3	0.9999999
## 22398	1	0.9999999
## 22399	4	0.9999999
## 22400	3	0.9999999
## 22401	0	0.9999999
## 22402	4	0.9999999
## 22403	2	0.9999999
## 22404	4	0.9999999
## 22405	0	0.9999999
## 22406	4	0.9999999
## 22407	2	0.9999999
## 22408	2	0.9999999
## 22409	4	0.9999999
## 22410	2	0.9999999
## 22411	2	0.9999999
## 22412	2	0.9999999
## 22413	3	0.9999999
## 22414	3	0.9999999
## 22415	3	0.9999999
## 22416	2	0.9999999
## 22417	2	0.9999999
## 22418	2	0.9999999
## 22419	1	0.9999998
## 22420	3	0.9999999
## 22421	4	0.9999998
## 22422	3	0.9999999
## 22423	4	0.9999999
## 22424	2	0.9999999
## 22425	3	0.9999999
## 22426	0	0.9999999
## 22427	3	0.9999999
## 22428	2	0.9999999
## 22429	4	0.9999999
## 22430	3	0.9999999
## 22431	4	0.9999999
## 22432	2	0.9999999
## 22433	2	0.9999999
## 22434	2	0.9999998
## 22435	2	0.9999999
## 22436	2	0.9999999
## 22437	4	0.9999999
## 22438	2	0.9999999
## 22439	2	0.9999999

## 22440	1	0.9999999
## 22441	4	0.9999999
## 22442	2	0.9999999
## 22443	1	0.9999999
## 22444	3	0.9999999
## 22445	3	0.9999999
## 22446	1	0.9999999
## 22447	3	0.9999999
## 22448	2	0.9999999
## 22449	2	0.9999999
## 22450	1	0.9999999
## 22451	2	0.9999999
## 22452	2	0.9999999
## 22453	0	0.9999999
## 22454	2	0.9999999
## 22455	4	0.9999999
## 22456	4	0.9999999
## 22457	2	0.9999999
## 22458	2	0.9999999
## 22459	2	0.9999999
## 22460	2	0.9999999
## 22461	4	0.9999999
## 22462	2	0.9999999
## 22463	3	0.9999999
## 22464	2	0.9999999
## 22465	3	0.9999999
## 22466	3	0.9999999
## 22467	2	0.9999999
## 22468	1	0.9999999
## 22469	2	0.9999999
## 22470	3	0.9999999
## 22471	3	0.9999999
## 22472	4	0.9999999
## 22473	4	0.9999999
## 22474	3	0.9999999
## 22475	2	0.9999999
## 22476	3	0.9999999
## 22477	2	0.9999999
## 22478	0	0.9999999
## 22479	4	0.9999999
## 22480	2	0.9999999
## 22481	3	0.9999999
## 22482	2	0.9999999
## 22483	2	0.9999999
## 22484	2	0.9999999
## 22485	2	0.9999999
## 22486	3	0.9999999
## 22487	2	0.9999999
## 22488	2	0.9999999
## 22489	2	0.9999999
## 22490	4	0.9999999
## 22491	3	0.9999999
## 22492	3	0.9999999
## 22493	2	0.9999999

## 22494	2	0.9999999
## 22495	4	0.9999999
## 22496	3	0.9999999
## 22497	3	0.9999999
## 22498	2	0.9999999
## 22499	2	0.9999999
## 22500	4	0.9999999
## 22501	3	0.9999999
## 22502	2	0.9999999
## 22503	3	0.9999999
## 22504	0	0.9999999
## 22505	2	0.9999999
## 22506	0	0.9999999
## 22507	4	0.9999999
## 22508	2	0.9999999
## 22509	4	0.9999999
## 22510	3	0.9999999
## 22511	2	0.9999999
## 22512	2	0.9999999
## 22513	2	0.9999999
## 22514	2	0.9999999
## 22515	4	0.9999999
## 22516	2	0.9999999
## 22517	0	0.9999999
## 22518	1	0.9999999
## 22519	4	0.9999999
## 22520	3	0.9999998
## 22521	4	0.9999999
## 22522	1	0.9999999
## 22523	2	0.9999998
## 22524	1	0.9999999
## 22525	2	0.9999999
## 22526	4	0.9999999
## 22527	2	0.9999999
## 22528	4	0.9999999
## 22529	3	0.9999999
## 22530	3	0.9999999
## 22531	2	0.9999999
## 22532	2	0.9999999
## 22533	3	0.9999999
## 22534	2	0.9999999
## 22535	3	0.9999999
## 22536	4	0.9999999
## 22537	2	0.9999999
## 22538	2	0.9999999
## 22539	2	0.9999999
## 22540	2	0.9999999
## 22541	2	0.9999999
## 22542	4	0.9999999
## 22543	2	0.9999999
## 22544	4	0.9999999
## 22545	2	0.9999999
## 22546	2	0.9999999
## 22547	3	0.9999999

## 22548	2	0.9999999
## 22549	1	0.9999999
## 22550	2	0.9999999
## 22551	2	0.9999999
## 22552	2	0.9999999
## 22553	2	0.9999999
## 22554	4	0.9999999
## 22555	1	0.9999999
## 22556	4	0.9999999
## 22557	4	0.9999998
## 22558	2	0.9999999
## 22559	2	0.9999999
## 22560	3	0.9999999
## 22561	2	0.9999999
## 22562	2	0.9999999
## 22563	0	0.9999999
## 22564	4	0.9999999
## 22565	3	0.9999998
## 22566	2	0.9999999
## 22567	2	0.9999999
## 22568	4	0.9999999
## 22569	2	0.9999999
## 22570	2	0.9999999
## 22571	3	0.9999999
## 22572	2	0.9999999
## 22573	2	0.9999998
## 22574	2	0.9999999
## 22575	4	0.9999999
## 22576	2	0.9999999
## 22577	2	0.9999999
## 22578	4	0.9999999
## 22579	2	0.9999999
## 22580	1	0.9999998
## 22581	2	0.9999999
## 22582	4	0.9999999
## 22583	3	0.9999999
## 22584	0	0.9999999
## 22585	1	0.9999999
## 22586	2	0.9999999
## 22587	2	0.9999999
## 22588	1	0.9999999
## 22589	2	0.9999999
## 22590	1	0.9999999
## 22591	2	0.9999999
## 22592	3	0.9999999
## 22593	4	0.9999999
## 22594	4	0.9999999
## 22595	0	0.9999999
## 22596	1	0.9999999
## 22597	3	0.9999999
## 22598	1	0.9999999
## 22599	2	0.9999999
## 22600	3	0.9999999
## 22601	2	0.9999999

## 22602	2	0.9999999
## 22603	1	0.9999999
## 22604	4	0.9999999
## 22605	4	0.9999998
## 22606	4	0.9999999
## 22607	3	0.9999999
## 22608	2	0.9999999
## 22609	2	0.9999999
## 22610	2	0.9999999
## 22611	2	0.9999999
## 22612	2	0.9999999
## 22613	2	0.9999999
## 22614	4	0.9999999
## 22615	2	0.9999999
## 22616	3	0.9999999
## 22617	2	0.9999998
## 22618	3	0.9999999
## 22619	2	0.9999999
## 22620	3	0.9999999
## 22621	2	0.9999999
## 22622	3	0.9999999
## 22623	4	0.9999999
## 22624	3	0.9999999
## 22625	3	0.9999998
## 22626	1	0.9999999
## 22627	3	0.9999999
## 22628	2	0.9999999
## 22629	2	0.9999999
## 22630	2	0.9999999
## 22631	2	0.9999999
## 22632	4	0.9999999
## 22633	0	0.9999999
## 22634	3	0.9999999
## 22635	3	0.9999999
## 22636	3	0.9999999
## 22637	4	0.9999999
## 22638	2	0.9999999
## 22639	2	0.9999999
## 22640	2	0.9999999
## 22641	3	0.9999999
## 22642	2	0.9999999
## 22643	3	0.9999999
## 22644	2	0.9999999
## 22645	1	0.9999999
## 22646	2	0.9999999
## 22647	3	0.9999999
## 22648	3	0.9999999
## 22649	0	0.9999999
## 22650	3	0.9999999
## 22651	2	0.9999999
## 22652	2	0.9999999
## 22653	3	0.9999998
## 22654	3	0.9999999
## 22655	4	0.9999999

## 22656	3	0.9999999
## 22657	2	0.9999999
## 22658	4	0.9999999
## 22659	2	0.9999999
## 22660	2	0.9999999
## 22661	2	0.9999999
## 22662	4	0.9999998
## 22663	2	0.9999999
## 22664	3	0.9999998
## 22665	2	0.9999999
## 22666	2	0.9999999
## 22667	3	0.9999999
## 22668	2	0.9999999
## 22669	1	0.9999999
## 22670	2	0.9999999
## 22671	3	0.9999999
## 22672	4	0.9999999
## 22673	2	0.9999999
## 22674	2	0.9999999
## 22675	2	0.9999999
## 22676	2	0.9999999
## 22677	2	0.9999999
## 22678	4	0.9999999
## 22679	2	0.9999999
## 22680	3	0.9999999
## 22681	1	0.9999999
## 22682	2	0.9999999
## 22683	2	0.9999999
## 22684	4	0.9999999
## 22685	1	0.9999999
## 22686	4	0.9999999
## 22687	3	0.9999999
## 22688	2	0.9999999
## 22689	2	0.9999999
## 22690	2	0.9999999
## 22691	2	0.9999999
## 22692	3	0.9999999
## 22693	1	0.9999999
## 22694	2	0.9999999
## 22695	2	0.9999999
## 22696	2	0.9999999
## 22697	2	0.9999999
## 22698	4	0.9999999
## 22699	2	0.9999999
## 22700	2	0.9999999
## 22701	4	0.9999998
## 22702	2	0.9999999
## 22703	3	0.9999999
## 22704	3	0.9999999
## 22705	2	0.9999999
## 22706	4	0.9999999
## 22707	4	0.9999999
## 22708	2	0.9999999
## 22709	4	0.9999999

## 22710	3	0.9999999
## 22711	3	0.9999999
## 22712	2	0.9999999
## 22713	2	0.9999999
## 22714	2	0.9999999
## 22715	4	0.9999999
## 22716	4	0.9999999
## 22717	3	0.9999999
## 22718	3	0.9999999
## 22719	2	0.9999999
## 22720	3	0.9999999
## 22721	4	0.9999999
## 22722	2	0.9999999
## 22723	3	0.9999999
## 22724	3	0.9999999
## 22725	4	0.9999999
## 22726	4	0.9999998
## 22727	2	0.9999999
## 22728	1	0.9999999
## 22729	4	0.9999999
## 22730	3	0.9999999
## 22731	2	0.9999999
## 22732	2	0.9999999
## 22733	4	0.9999999
## 22734	2	0.9999999
## 22735	2	0.9999999
## 22736	2	0.9999999
## 22737	2	0.9999999
## 22738	2	0.9999999
## 22739	3	0.9999999
## 22740	2	0.9999999
## 22741	3	0.9999999
## 22742	3	0.9999999
## 22743	2	0.9999999
## 22744	2	0.9999999
## 22745	2	0.9999999
## 22746	3	0.9999999
## 22747	3	0.9999999
## 22748	3	0.9999999
## 22749	1	0.9999998
## 22750	2	0.9999999
## 22751	3	0.9999999
## 22752	4	0.9999999
## 22753	2	0.9999999
## 22754	2	0.9999999
## 22755	4	0.9999999
## 22756	4	0.9999999
## 22757	4	0.9999999
## 22758	4	0.9999999
## 22759	2	0.9999999
## 22760	1	0.9999999
## 22761	2	0.9999999
## 22762	3	0.9999998
## 22763	4	0.9999999

## 22764	2	0.9999999
## 22765	1	0.9999999
## 22766	2	0.9999999
## 22767	0	0.9999999
## 22768	2	0.9999999
## 22769	3	0.9999999
## 22770	2	0.9999999
## 22771	3	0.9999999
## 22772	2	0.9999999
## 22773	2	0.9999999
## 22774	3	0.9999999
## 22775	3	0.9999999
## 22776	3	0.9999999
## 22777	3	0.9999999
## 22778	4	0.9999999
## 22779	3	0.9999999
## 22780	2	0.9999999
## 22781	2	0.9999999
## 22782	3	0.9999999
## 22783	3	0.9999999
## 22784	0	0.9999999
## 22785	2	0.9999999
## 22786	3	0.9999999
## 22787	2	0.9999999
## 22788	2	0.9999999
## 22789	4	0.9999999
## 22790	4	0.9999999
## 22791	2	0.9999999
## 22792	3	0.9999999
## 22793	3	0.9999999
## 22794	2	0.9999999
## 22795	2	0.9999999
## 22796	2	0.9999999
## 22797	2	0.9999999
## 22798	2	0.9999999
## 22799	2	0.9999999
## 22800	4	0.9999999
## 22801	4	0.9999999
## 22802	0	0.9999999
## 22803	4	0.9999999
## 22804	2	0.9999999
## 22805	1	0.9999998
## 22806	3	0.9999999
## 22807	4	0.9999999
## 22808	2	0.9999999
## 22809	4	0.9999999
## 22810	2	0.9999999
## 22811	2	0.9999999
## 22812	2	0.9999999
## 22813	3	0.9999999
## 22814	2	0.9999999
## 22815	2	0.9999998
## 22816	4	0.9999999
## 22817	4	0.9999999

## 22818	3	0.9999999
## 22819	4	0.9999999
## 22820	4	0.9999999
## 22821	2	0.9999999
## 22822	3	0.9999999
## 22823	4	0.9999999
## 22824	2	0.9999998
## 22825	1	0.9999999
## 22826	3	0.9999999
## 22827	2	0.9999999
## 22828	1	0.9999999
## 22829	2	0.9999999
## 22830	3	0.9999999
## 22831	2	0.9999999
## 22832	2	0.9999999
## 22833	4	0.9999999
## 22834	2	0.9999998
## 22835	3	0.9999999
## 22836	2	0.9999999
## 22837	0	0.9999999
## 22838	4	0.9999999
## 22839	1	0.9999999
## 22840	4	0.9999999
## 22841	1	0.9999999
## 22842	2	0.9999999
## 22843	0	0.9999999
## 22844	4	0.9999999
## 22845	2	0.9999999
## 22846	3	0.9999999
## 22847	4	0.9999999
## 22848	3	0.9999999
## 22849	3	0.9999999
## 22850	2	0.9999999
## 22851	4	0.9999998
## 22852	4	0.9999999
## 22853	4	0.9999999
## 22854	3	0.9999999
## 22855	2	0.9999999
## 22856	2	0.9999998
## 22857	2	0.9999999
## 22858	4	0.9999999
## 22859	3	0.9999999
## 22860	3	0.9999999
## 22861	3	0.9999999
## 22862	1	0.9999999
## 22863	2	0.9999999
## 22864	2	0.9999999
## 22865	2	0.9999999
## 22866	4	0.9999999
## 22867	3	0.9999999
## 22868	2	0.9999999
## 22869	2	0.9999999
## 22870	2	0.9999999
## 22871	3	0.9999999

## 22872	2	0.9999999
## 22873	4	0.9999999
## 22874	2	0.9999999
## 22875	4	0.9999998
## 22876	4	0.9999999
## 22877	2	0.9999999
## 22878	2	0.9999999
## 22879	3	0.9999999
## 22880	4	0.9999999
## 22881	2	0.9999999
## 22882	4	0.9999999
## 22883	1	0.9999999
## 22884	2	0.9999999
## 22885	4	0.9999999
## 22886	0	0.9999999
## 22887	2	0.9999999
## 22888	3	0.9999999
## 22889	2	0.9999999
## 22890	1	0.9999999
## 22891	3	0.9999999
## 22892	2	0.9999999
## 22893	4	0.9999999
## 22894	2	0.9999999
## 22895	3	0.9999999
## 22896	3	0.9999999
## 22897	0	0.9999998
## 22898	1	0.9999999
## 22899	2	0.9999999
## 22900	2	0.9999999
## 22901	3	0.9999999
## 22902	2	0.9999999
## 22903	2	0.9999999
## 22904	2	0.9999999
## 22905	3	0.9999999
## 22906	4	0.9999999
## 22907	2	0.9999999
## 22908	2	0.9999999
## 22909	3	0.9999999
## 22910	1	0.9999999
## 22911	2	0.9999999
## 22912	2	0.9999999
## 22913	2	0.9999999
## 22914	2	0.9999999
## 22915	2	0.9999999
## 22916	3	0.9999999
## 22917	2	0.9999999
## 22918	2	0.9999999
## 22919	2	0.9999999
## 22920	3	0.9999999
## 22921	2	0.9999999
## 22922	3	0.9999999
## 22923	2	0.9999999
## 22924	4	0.9999999
## 22925	3	0.9999999

## 22926	2	0.9999999
## 22927	2	0.9999999
## 22928	3	0.9999999
## 22929	3	0.9999999
## 22930	0	0.9999999
## 22931	4	0.9999999
## 22932	2	0.9999999
## 22933	2	0.9999999
## 22934	4	0.9999999
## 22935	3	0.9999999
## 22936	3	0.9999999
## 22937	0	0.9999998
## 22938	2	0.9999999
## 22939	4	0.9999999
## 22940	3	0.9999999
## 22941	3	0.9999999
## 22942	2	0.9999999
## 22943	1	0.9999999
## 22944	2	0.9999999
## 22945	2	0.9999999
## 22946	2	0.9999998
## 22947	3	0.9999999
## 22948	1	0.9999999
## 22949	4	0.9999999
## 22950	3	0.9999999
## 22951	4	0.9999999
## 22952	2	0.9999999
## 22953	4	0.9999999
## 22954	3	0.9999999
## 22955	3	0.9999999
## 22956	4	0.9999999
## 22957	3	0.9999999
## 22958	2	0.9999999
## 22959	3	0.9999999
## 22960	1	0.9999999
## 22961	4	0.9999999
## 22962	1	0.9999998
## 22963	2	0.9999999
## 22964	2	0.9999999
## 22965	1	0.9999999
## 22966	2	0.9999999
## 22967	2	0.9999999
## 22968	2	0.9999999
## 22969	3	0.9999999
## 22970	2	0.9999999
## 22971	4	0.9999999
## 22972	2	0.9999999
## 22973	4	0.9999999
## 22974	2	0.9999999
## 22975	2	0.9999999
## 22976	4	0.9999999
## 22977	2	0.9999999
## 22978	4	0.9999999
## 22979	2	0.9999999

## 22980	4	0.9999999
## 22981	2	0.9999999
## 22982	3	0.9999999
## 22983	3	0.9999998
## 22984	4	0.9999999
## 22985	3	0.9999999
## 22986	2	0.9999999
## 22987	3	0.9999999
## 22988	2	0.9999999
## 22989	2	0.9999999
## 22990	4	0.9999999
## 22991	4	0.9999999
## 22992	3	0.9999998
## 22993	3	0.9999999
## 22994	0	0.9999998
## 22995	3	0.9999999
## 22996	3	0.9999999
## 22997	4	0.9999999
## 22998	4	0.9999999
## 22999	3	0.9999999
## 23000	1	0.9999999
## 23001	3	0.9999999
## 23002	2	0.9999999
## 23003	2	0.9999999
## 23004	2	0.9999999
## 23005	4	0.9999999
## 23006	4	0.9999999
## 23007	4	0.9999999
## 23008	2	0.9999999
## 23009	2	0.9999999
## 23010	1	0.9999999
## 23011	4	0.9999999
## 23012	3	0.9999999
## 23013	4	0.9999999
## 23014	3	0.9999999
## 23015	3	0.9999999
## 23016	3	0.9999999
## 23017	2	0.9999999
## 23018	2	0.9999998
## 23019	2	0.9999999
## 23020	3	0.9999999
## 23021	1	0.9999999
## 23022	3	0.9999999
## 23023	2	0.9999999
## 23024	3	0.9999999
## 23025	3	0.9999999
## 23026	3	0.9999998
## 23027	4	0.9999999
## 23028	4	0.9999999
## 23029	2	0.9999999
## 23030	3	0.9999999
## 23031	4	0.9999999
## 23032	4	0.9999999
## 23033	2	0.9999999

## 23034	2	0.9999999
## 23035	2	0.9999999
## 23036	1	0.9999999
## 23037	3	0.9999999
## 23038	3	0.9999999
## 23039	2	0.9999999
## 23040	1	0.9999999
## 23041	2	0.9999999
## 23042	2	0.9999999
## 23043	3	0.9999999
## 23044	2	0.9999999
## 23045	4	0.9999999
## 23046	2	0.9999999
## 23047	2	0.9999999
## 23048	2	0.9999999
## 23049	1	0.9999999
## 23050	3	0.9999998
## 23051	4	0.9999999
## 23052	3	0.9999999
## 23053	2	0.9999999
## 23054	4	0.9999999
## 23055	4	0.9999999
## 23056	2	0.9999999
## 23057	1	0.9999999
## 23058	3	0.9999999
## 23059	1	0.9999999
## 23060	2	0.9999999
## 23061	3	0.9999999
## 23062	3	0.9999999
## 23063	2	0.9999999
## 23064	2	0.9999998
## 23065	1	0.9999999
## 23066	3	0.9999999
## 23067	2	0.9999999
## 23068	2	0.9999999
## 23069	3	0.9999999
## 23070	2	0.9999999
## 23071	3	0.9999999
## 23072	2	0.9999999
## 23073	2	0.9999998
## 23074	1	0.9999999
## 23075	2	0.9999999
## 23076	2	0.9999999
## 23077	4	0.9999999
## 23078	3	0.9999999
## 23079	4	0.9999999
## 23080	2	0.9999999
## 23081	2	0.9999999
## 23082	1	0.9999999
## 23083	3	0.9999999
## 23084	3	0.9999999
## 23085	4	0.9999999
## 23086	2	0.9999999
## 23087	2	0.9999998

## 23088	2	0.9999999
## 23089	1	0.9999999
## 23090	2	0.9999998
## 23091	3	0.9999998
## 23092	1	0.9999999
## 23093	3	0.9999999
## 23094	1	0.9999999
## 23095	3	0.9999999
## 23096	3	0.9999999
## 23097	2	0.9999999
## 23098	2	0.9999999
## 23099	3	0.9999999
## 23100	2	0.9999999
## 23101	1	0.9999999
## 23102	4	0.9999999
## 23103	1	0.9999999
## 23104	3	0.9999999
## 23105	2	0.9999999
## 23106	3	0.9999999
## 23107	3	0.9999999
## 23108	2	0.9999999
## 23109	2	0.9999999
## 23110	2	0.9999999
## 23111	2	0.9999999
## 23112	2	0.9999999
## 23113	1	0.9999999
## 23114	4	0.9999999
## 23115	2	0.9999999
## 23116	2	0.9999999
## 23117	2	0.9999998
## 23118	4	0.9999999
## 23119	2	0.9999999
## 23120	3	0.9999999
## 23121	3	0.9999999
## 23122	2	0.9999999
## 23123	2	0.9999999
## 23124	2	0.9999999
## 23125	4	0.9999999
## 23126	1	0.9999999
## 23127	4	0.9999999
## 23128	1	0.9999999
## 23129	1	0.9999999
## 23130	3	0.9999999
## 23131	2	0.9999999
## 23132	3	0.9999999
## 23133	2	0.9999998
## 23134	3	0.9999999
## 23135	2	0.9999998
## 23136	3	0.9999999
## 23137	4	0.9999999
## 23138	2	0.9999999
## 23139	3	0.9999999
## 23140	2	0.9999999
## 23141	2	0.9999999

## 23142	2	0.9999999
## 23143	4	0.9999999
## 23144	2	0.9999999
## 23145	2	0.9999999
## 23146	3	0.9999999
## 23147	2	0.9999999
## 23148	2	0.9999999
## 23149	4	0.9999999
## 23150	2	0.9999999
## 23151	3	0.9999999
## 23152	3	0.9999999
## 23153	4	0.9999999
## 23154	3	0.9999999
## 23155	1	0.9999999
## 23156	2	0.9999999
## 23157	2	0.9999999
## 23158	4	0.9999999
## 23159	3	0.9999999
## 23160	3	0.9999999
## 23161	1	0.9999998
## 23162	2	0.9999999
## 23163	3	0.9999999
## 23164	2	0.9999999
## 23165	1	0.9999999
## 23166	3	0.9999999
## 23167	4	0.9999998
## 23168	4	0.9999999
## 23169	4	0.9999999
## 23170	3	0.9999999
## 23171	3	0.9999998
## 23172	2	0.9999999
## 23173	2	0.9999999
## 23174	1	0.9999999
## 23175	2	0.9999999
## 23176	3	0.9999999
## 23177	2	0.9999999
## 23178	3	0.9999999
## 23179	3	0.9999999
## 23180	4	0.9999999
## 23181	1	0.9999999
## 23182	2	0.9999999
## 23183	2	0.9999999
## 23184	3	0.9999999
## 23185	3	0.9999999
## 23186	3	0.9999999
## 23187	4	0.9999999
## 23188	2	0.9999999
## 23189	1	0.9999999
## 23190	2	0.9999999
## 23191	2	0.9999999
## 23192	3	0.9999999
## 23193	3	0.9999999
## 23194	2	0.9999999
## 23195	4	0.9999999

## 23196	2	0.9999999
## 23197	2	0.9999999
## 23198	4	0.9999999
## 23199	4	0.9999999
## 23200	2	0.9999999
## 23201	4	0.9999999
## 23202	4	0.9999999
## 23203	3	0.9999998
## 23204	3	0.9999999
## 23205	2	0.9999999
## 23206	3	0.9999999
## 23207	3	0.9999999
## 23208	1	0.9999998
## 23209	4	0.9999999
## 23210	2	0.9999999
## 23211	2	0.9999998
## 23212	4	0.9999999
## 23213	4	0.9999999
## 23214	4	0.9999999
## 23215	2	0.9999999
## 23216	2	0.9999999
## 23217	3	0.9999999
## 23218	2	0.9999999
## 23219	3	0.9999999
## 23220	3	0.9999999
## 23221	2	0.9999999
## 23222	4	0.9999999
## 23223	3	0.9999999
## 23224	3	0.9999999
## 23225	1	0.9999999
## 23226	2	0.9999999
## 23227	3	0.9999999
## 23228	4	0.9999999
## 23229	2	0.9999999
## 23230	3	0.9999999
## 23231	2	0.9999999
## 23232	4	0.9999999
## 23233	1	0.9999999
## 23234	0	0.9999999
## 23235	3	0.9999999
## 23236	2	0.9999999
## 23237	2	0.9999999
## 23238	2	0.9999999
## 23239	2	0.9999999
## 23240	3	0.9999999
## 23241	4	0.9999999
## 23242	2	0.9999998
## 23243	2	0.9999999
## 23244	2	0.9999999
## 23245	2	0.9999999
## 23246	2	0.9999999
## 23247	2	0.9999999
## 23248	2	0.9999999
## 23249	3	0.9999999

## 23250	3	0.9999999
## 23251	1	0.9999999
## 23252	2	0.9999999
## 23253	4	0.9999999
## 23254	2	0.9999999
## 23255	2	0.9999999
## 23256	4	0.9999999
## 23257	3	0.9999999
## 23258	3	0.9999999
## 23259	4	0.9999999
## 23260	0	0.9999999
## 23261	4	0.9999999
## 23262	2	0.9999999
## 23263	3	0.9999999
## 23264	2	0.9999998
## 23265	3	0.9999999
## 23266	2	0.9999999
## 23267	2	0.9999999
## 23268	3	0.9999999
## 23269	1	0.9999999
## 23270	2	0.9999999
## 23271	4	0.9999999
## 23272	4	0.9999999
## 23273	2	0.9999999
## 23274	2	0.9999998
## 23275	2	0.9999999
## 23276	4	0.9999999
## 23277	4	0.9999999
## 23278	4	0.9999999
## 23279	4	0.9999999
## 23280	2	0.9999999
## 23281	3	0.9999999
## 23282	2	0.9999999
## 23283	4	0.9999999
## 23284	2	0.9999999
## 23285	4	0.9999999
## 23286	2	0.9999999
## 23287	3	0.9999999
## 23288	2	0.9999999
## 23289	2	0.9999999
## 23290	3	0.9999999
## 23291	2	0.9999999
## 23292	2	0.9999999
## 23293	2	0.9999999
## 23294	2	0.9999999
## 23295	4	0.9999999
## 23296	3	0.9999999
## 23297	3	0.9999999
## 23298	4	0.9999999
## 23299	4	0.9999999
## 23300	2	0.9999999
## 23301	3	0.9999999
## 23302	3	0.9999999
## 23303	4	0.9999999

## 23304	2	0.9999999
## 23305	4	0.9999999
## 23306	2	0.9999999
## 23307	0	0.9999999
## 23308	1	0.9999999
## 23309	2	0.9999999
## 23310	2	0.9999999
## 23311	3	0.9999999
## 23312	2	0.9999999
## 23313	1	0.9999999
## 23314	3	0.9999999
## 23315	3	0.9999999
## 23316	1	0.9999999
## 23317	4	0.9999999
## 23318	1	0.9999999
## 23319	2	0.9999999
## 23320	3	0.9999999
## 23321	2	0.9999999
## 23322	4	0.9999999
## 23323	4	0.9999999
## 23324	4	0.9999999
## 23325	2	0.9999999
## 23326	1	0.9999999
## 23327	4	0.9999999
## 23328	2	0.9999999
## 23329	2	0.9999999
## 23330	2	0.9999999
## 23331	1	0.9999999
## 23332	4	0.9999999
## 23333	2	0.9999999
## 23334	1	0.9999999
## 23335	2	0.9999999
## 23336	2	0.9999999
## 23337	1	0.9999999
## 23338	3	0.9999999
## 23339	2	0.9999999
## 23340	3	0.9999999
## 23341	4	0.9999999
## 23342	3	0.9999999
## 23343	2	0.9999999
## 23344	4	0.9999999
## 23345	3	0.9999999
## 23346	2	0.9999999
## 23347	2	0.9999999
## 23348	2	0.9999999
## 23349	2	0.9999999
## 23350	1	0.9999999
## 23351	0	0.9999999
## 23352	4	0.9999998
## 23353	2	0.9999999
## 23354	3	0.9999999
## 23355	3	0.9999999
## 23356	4	0.9999999
## 23357	4	0.9999999

## 23358	2	0.9999999
## 23359	3	0.9999999
## 23360	4	0.9999999
## 23361	2	0.9999999
## 23362	3	0.9999999
## 23363	3	0.9999999
## 23364	4	0.9999998
## 23365	4	0.9999999
## 23366	4	0.9999999
## 23367	2	0.9999999
## 23368	2	0.9999999
## 23369	3	0.9999999
## 23370	1	0.9999999
## 23371	2	0.9999999
## 23372	2	0.9999999
## 23373	3	0.9999999
## 23374	1	0.9999999
## 23375	4	0.9999999
## 23376	3	0.9999999
## 23377	3	0.9999999
## 23378	0	0.9999999
## 23379	2	0.9999999
## 23380	2	0.9999999
## 23381	3	0.9999999
## 23382	1	0.9999999
## 23383	3	0.9999999
## 23384	2	0.9999999
## 23385	2	0.9999999
## 23386	3	0.9999999
## 23387	4	0.9999998
## 23388	4	0.9999999
## 23389	2	0.9999999
## 23390	2	0.9999999
## 23391	3	0.9999998
## 23392	3	0.9999999
## 23393	3	0.9999999
## 23394	3	0.9999999
## 23395	2	0.9999999
## 23396	4	0.9999999
## 23397	1	0.9999999
## 23398	3	0.9999999
## 23399	1	0.9999999
## 23400	0	0.9999999
## 23401	4	0.9999999
## 23402	2	0.9999999
## 23403	2	0.9999998
## 23404	0	0.9999999
## 23405	2	0.9999999
## 23406	2	0.9999999
## 23407	1	0.9999999
## 23408	2	0.9999999
## 23409	2	0.9999999
## 23410	2	0.9999999
## 23411	2	0.9999999

## 23412	1	0.9999999
## 23413	1	0.9999999
## 23414	2	0.9999999
## 23415	2	0.9999999
## 23416	1	0.9999999
## 23417	1	0.9999999
## 23418	3	0.9999999
## 23419	4	0.9999999
## 23420	3	0.9999999
## 23421	2	0.9999999
## 23422	3	0.9999999
## 23423	2	0.9999999
## 23424	3	0.9999998
## 23425	3	0.9999999
## 23426	3	0.9999999
## 23427	3	0.9999999
## 23428	2	0.9999999
## 23429	2	0.9999999
## 23430	2	0.9999999
## 23431	3	0.9999999
## 23432	1	0.9999998
## 23433	3	0.9999999
## 23434	1	0.9999999
## 23435	2	0.9999999
## 23436	4	0.9999999
## 23437	3	0.9999999
## 23438	2	0.9999999
## 23439	2	0.9999999
## 23440	4	0.9999999
## 23441	4	0.9999999
## 23442	0	0.9999999
## 23443	4	0.9999999
## 23444	2	0.9999999
## 23445	2	0.9999999
## 23446	1	0.9999998
## 23447	1	0.9999999
## 23448	4	0.9999999
## 23449	2	0.9999999
## 23450	2	0.9999999
## 23451	3	0.9999999
## 23452	2	0.9999999
## 23453	4	0.9999999
## 23454	2	0.9999999
## 23455	3	0.9999999
## 23456	0	0.9999999
## 23457	2	0.9999999
## 23458	2	0.9999999
## 23459	2	0.9999999
## 23460	2	0.9999999
## 23461	4	0.9999999
## 23462	3	0.9999998
## 23463	2	0.9999999
## 23464	3	0.9999999
## 23465	2	0.9999999

## 23466	2	0.9999999
## 23467	4	0.9999999
## 23468	3	0.9999999
## 23469	4	0.9999999
## 23470	3	0.9999999
## 23471	1	0.9999999
## 23472	3	0.9999999
## 23473	2	0.9999999
## 23474	0	0.9999999
## 23475	4	0.9999999
## 23476	2	0.9999999
## 23477	4	0.9999999
## 23478	3	0.9999999
## 23479	1	0.9999999
## 23480	2	0.9999999
## 23481	1	0.9999999
## 23482	1	0.9999999
## 23483	3	0.9999999
## 23484	2	0.9999999
## 23485	3	0.9999999
## 23486	1	0.9999999
## 23487	3	0.9999999
## 23488	3	0.9999999
## 23489	3	0.9999999
## 23490	1	0.9999998
## 23491	4	0.9999999
## 23492	2	0.9999999
## 23493	3	0.9999999
## 23494	1	0.9999999
## 23495	2	0.9999999
## 23496	4	0.9999999
## 23497	3	0.9999999
## 23498	1	0.9999999
## 23499	2	0.9999999
## 23500	4	0.9999999
## 23501	4	0.9999999
## 23502	4	0.9999999
## 23503	3	0.9999999
## 23504	1	0.9999999
## 23505	3	0.9999999
## 23506	4	0.9999999
## 23507	2	0.9999999
## 23508	2	0.9999999
## 23509	4	0.9999999
## 23510	2	0.9999999
## 23511	3	0.9999999
## 23512	3	0.9999999
## 23513	3	0.9999999
## 23514	3	0.9999999
## 23515	1	0.9999999
## 23516	3	0.9999999
## 23517	2	0.9999999
## 23518	1	0.9999999
## 23519	2	0.9999999

## 23520	2	0.9999999
## 23521	2	0.9999999
## 23522	2	0.9999999
## 23523	0	0.9999999
## 23524	2	0.9999999
## 23525	2	0.9999999
## 23526	3	0.9999999
## 23527	2	0.9999999
## 23528	2	0.9999999
## 23529	3	0.9999999
## 23530	2	0.9999999
## 23531	4	0.9999999
## 23532	2	0.9999999
## 23533	3	0.9999999
## 23534	0	0.9999999
## 23535	2	0.9999999
## 23536	1	0.9999999
## 23537	1	0.9999999
## 23538	3	0.9999999
## 23539	3	0.9999999
## 23540	4	0.9999999
## 23541	3	0.9999999
## 23542	2	0.9999998
## 23543	2	0.9999999
## 23544	4	0.9999999
## 23545	2	0.9999999
## 23546	1	0.9999999
## 23547	3	0.9999999
## 23548	2	0.9999999
## 23549	3	0.9999998
## 23550	3	0.9999999
## 23551	2	0.9999999
## 23552	0	0.9999999
## 23553	4	0.9999999
## 23554	3	0.9999999
## 23555	4	0.9999999
## 23556	3	0.9999999
## 23557	3	0.9999999
## 23558	2	0.9999999
## 23559	2	0.9999999
## 23560	1	0.9999999
## 23561	3	0.9999999
## 23562	3	0.9999999
## 23563	2	0.9999999
## 23564	1	0.9999999
## 23565	3	0.9999998
## 23566	4	0.9999999
## 23567	3	0.9999999
## 23568	0	0.9999999
## 23569	4	0.9999999
## 23570	3	0.9999999
## 23571	2	0.9999998
## 23572	2	0.9999999
## 23573	1	0.9999999

## 23574	2	0.9999999
## 23575	3	0.9999999
## 23576	0	0.9999999
## 23577	4	0.9999998
## 23578	3	0.9999999
## 23579	4	0.9999999
## 23580	4	0.9999999
## 23581	3	0.9999999
## 23582	2	0.9999999
## 23583	3	0.9999999
## 23584	2	0.9999999
## 23585	2	0.9999999
## 23586	1	0.9999999
## 23587	2	0.9999999
## 23588	4	0.9999999
## 23589	2	0.9999999
## 23590	2	0.9999998
## 23591	2	0.9999999
## 23592	2	0.9999999
## 23593	4	0.9999999
## 23594	3	0.9999999
## 23595	3	0.9999999
## 23596	3	0.9999999
## 23597	2	0.9999999
## 23598	4	0.9999999
## 23599	1	0.9999999
## 23600	4	0.9999998
## 23601	3	0.9999999
## 23602	3	0.9999999
## 23603	2	0.9999999
## 23604	2	0.9999999
## 23605	2	0.9999999
## 23606	1	0.9999999
## 23607	3	0.9999999
## 23608	2	0.9999999
## 23609	1	0.9999999
## 23610	4	0.9999999
## 23611	2	0.9999999
## 23612	2	0.9999999
## 23613	2	0.9999999
## 23614	3	0.9999999
## 23615	2	0.9999999
## 23616	1	0.9999999
## 23617	2	0.9999998
## 23618	3	0.9999999
## 23619	4	0.9999999
## 23620	4	0.9999999
## 23621	3	0.9999999
## 23622	3	0.9999999
## 23623	4	0.9999999
## 23624	2	0.9999999
## 23625	0	0.9999999
## 23626	3	0.9999999
## 23627	4	0.9999999

## 23628	3	0.9999999
## 23629	2	0.9999999
## 23630	4	0.9999999
## 23631	0	0.9999998
## 23632	2	0.9999999
## 23633	3	0.9999999
## 23634	2	0.9999999
## 23635	4	0.9999999
## 23636	3	0.9999999
## 23637	4	0.9999999
## 23638	3	0.9999998
## 23639	2	0.9999999
## 23640	2	0.9999999
## 23641	2	0.9999999
## 23642	2	0.9999999
## 23643	2	0.9999999
## 23644	2	0.9999999
## 23645	1	0.9999999
## 23646	3	0.9999999
## 23647	1	0.9999999
## 23648	2	0.9999999
## 23649	4	0.9999999
## 23650	2	0.9999999
## 23651	3	0.9999999
## 23652	3	0.9999999
## 23653	2	0.9999999
## 23654	4	0.9999999
## 23655	3	0.9999999
## 23656	2	0.9999999
## 23657	3	0.9999999
## 23658	3	0.9999999
## 23659	2	0.9999999
## 23660	3	0.9999999
## 23661	3	0.9999999
## 23662	2	0.9999999
## 23663	3	0.9999999
## 23664	2	0.9999999
## 23665	2	0.9999999
## 23666	3	0.9999999
## 23667	3	0.9999999
## 23668	2	0.9999999
## 23669	2	0.9999999
## 23670	3	0.9999999
## 23671	2	0.9999999
## 23672	2	0.9999999
## 23673	4	0.9999998
## 23674	1	0.9999999
## 23675	2	0.9999999
## 23676	3	0.9999999
## 23677	4	0.9999999
## 23678	4	0.9999999
## 23679	4	0.9999999
## 23680	4	0.9999999
## 23681	4	0.9999999

## 23682	1	0.9999999
## 23683	2	0.9999999
## 23684	4	0.9999999
## 23685	4	0.9999999
## 23686	1	0.9999999
## 23687	1	0.9999999
## 23688	1	0.9999999
## 23689	4	0.9999999
## 23690	4	0.9999999
## 23691	1	0.9999999
## 23692	2	0.9999999
## 23693	2	0.9999999
## 23694	2	0.9999999
## 23695	2	0.9999999
## 23696	2	0.9999999
## 23697	4	0.9999999
## 23698	4	0.9999999
## 23699	2	0.9999999
## 23700	2	0.9999999
## 23701	4	0.9999999
## 23702	2	0.9999999
## 23703	2	0.9999999
## 23704	2	0.9999999
## 23705	4	0.9999999
## 23706	3	0.9999999
## 23707	4	0.9999999
## 23708	2	0.9999999
## 23709	1	0.9999999
## 23710	4	0.9999999
## 23711	4	0.9999999
## 23712	1	0.9999998
## 23713	2	0.9999999
## 23714	2	0.9999999
## 23715	4	0.9999999
## 23716	0	0.9999999
## 23717	3	0.9999999
## 23718	2	0.9999999
## 23719	1	0.9999999
## 23720	4	0.9999999
## 23721	4	0.9999999
## 23722	3	0.9999999
## 23723	2	0.9999999
## 23724	3	0.9999999
## 23725	3	0.9999999
## 23726	2	0.9999999
## 23727	3	0.9999999
## 23728	4	0.9999999
## 23729	3	0.9999999
## 23730	3	0.9999999
## 23731	4	0.9999999
## 23732	1	0.9999999
## 23733	4	0.9999999
## 23734	1	0.9999999
## 23735	2	0.9999999

## 23736	2	0.9999999
## 23737	4	0.9999998
## 23738	2	0.9999999
## 23739	3	0.9999999
## 23740	2	0.9999999
## 23741	3	0.9999999
## 23742	4	0.9999998
## 23743	2	0.9999999
## 23744	2	0.9999999
## 23745	0	0.9999999
## 23746	4	0.9999999
## 23747	2	0.9999999
## 23748	3	0.9999999
## 23749	1	0.9999999
## 23750	4	0.9999999
## 23751	2	0.9999999
## 23752	4	0.9999999
## 23753	2	0.9999999
## 23754	2	0.9999999
## 23755	3	0.9999999
## 23756	4	0.9999999
## 23757	4	0.9999999
## 23758	4	0.9999998
## 23759	2	0.9999999
## 23760	3	0.9999999
## 23761	2	0.9999998
## 23762	4	0.9999999
## 23763	4	0.9999999
## 23764	4	0.9999999
## 23765	3	0.9999999
## 23766	2	0.9999999
## 23767	4	0.9999999
## 23768	4	0.9999999
## 23769	2	0.9999999
## 23770	2	0.9999999
## 23771	2	0.9999998
## 23772	3	0.9999999
## 23773	2	0.9999999
## 23774	4	0.9999999
## 23775	1	0.9999999
## 23776	2	0.9999999
## 23777	2	0.9999999
## 23778	0	0.9999999
## 23779	2	0.9999999
## 23780	4	0.9999999
## 23781	2	0.9999999
## 23782	3	0.9999999
## 23783	2	0.9999999
## 23784	2	0.9999999
## 23785	2	0.9999999
## 23786	4	0.9999999
## 23787	0	0.9999999
## 23788	2	0.9999999
## 23789	4	0.9999999

## 23790	1	0.9999999
## 23791	2	0.9999999
## 23792	3	0.9999999
## 23793	4	0.9999999
## 23794	3	0.9999999
## 23795	2	0.9999999
## 23796	3	0.9999998
## 23797	2	0.9999999
## 23798	3	0.9999999
## 23799	3	0.9999999
## 23800	2	0.9999999
## 23801	3	0.9999999
## 23802	2	0.9999999
## 23803	1	0.9999999
## 23804	2	0.9999999
## 23805	2	0.9999999
## 23806	2	0.9999999
## 23807	4	0.9999999
## 23808	3	0.9999999
## 23809	1	0.9999999
## 23810	4	0.9999999
## 23811	4	0.9999999
## 23812	2	0.9999999
## 23813	2	0.9999999
## 23814	3	0.9999999
## 23815	4	0.9999999
## 23816	2	0.9999999
## 23817	2	0.9999999
## 23818	3	0.9999999
## 23819	3	0.9999999
## 23820	2	0.9999999
## 23821	3	0.9999999
## 23822	3	0.9999999
## 23823	4	0.9999999
## 23824	3	0.9999999
## 23825	1	0.9999999
## 23826	4	0.9999999
## 23827	4	0.9999999
## 23828	4	0.9999999
## 23829	4	0.9999999
## 23830	4	0.9999999
## 23831	4	0.9999999
## 23832	3	0.9999999
## 23833	3	0.9999999
## 23834	4	0.9999999
## 23835	3	0.9999999
## 23836	2	0.9999999
## 23837	0	0.9999999
## 23838	2	0.9999999
## 23839	3	0.9999999
## 23840	1	0.9999999
## 23841	4	0.9999999
## 23842	3	0.9999999
## 23843	2	0.9999999

## 23844	4	0.9999999
## 23845	2	0.9999999
## 23846	1	0.9999999
## 23847	4	0.9999999
## 23848	2	0.9999999
## 23849	2	0.9999999
## 23850	3	0.9999999
## 23851	2	0.9999999
## 23852	1	0.9999999
## 23853	3	0.9999999
## 23854	3	0.9999999
## 23855	3	0.9999999
## 23856	3	0.9999999
## 23857	2	0.9999999
## 23858	3	0.9999998
## 23859	2	0.9999998
## 23860	3	0.9999999
## 23861	1	0.9999999
## 23862	2	0.9999999
## 23863	2	0.9999999
## 23864	1	0.9999999
## 23865	4	0.9999999
## 23866	3	0.9999999
## 23867	1	0.9999999
## 23868	2	0.9999999
## 23869	4	0.9999999
## 23870	2	0.9999999
## 23871	1	0.9999999
## 23872	2	0.9999999
## 23873	2	0.9999999
## 23874	4	0.9999999
## 23875	2	0.9999999
## 23876	4	0.9999999
## 23877	2	0.9999999
## 23878	4	0.9999999
## 23879	2	0.9999999
## 23880	2	0.9999999
## 23881	2	0.9999999
## 23882	4	0.9999999
## 23883	2	0.9999999
## 23884	2	0.9999999
## 23885	3	0.9999998
## 23886	4	0.9999999
## 23887	2	0.9999999
## 23888	1	0.9999999
## 23889	2	0.9999999
## 23890	2	0.9999999
## 23891	2	0.9999999
## 23892	2	0.9999999
## 23893	2	0.9999999
## 23894	4	0.9999999
## 23895	4	0.9999999
## 23896	2	0.9999999
## 23897	3	0.9999999

## 23898	1	0.9999999
## 23899	3	0.9999999
## 23900	2	0.9999999
## 23901	1	0.9999999
## 23902	3	0.9999999
## 23903	1	0.9999998
## 23904	2	0.9999998
## 23905	3	0.9999999
## 23906	2	0.9999998
## 23907	3	0.9999999
## 23908	2	0.9999999
## 23909	4	0.9999999
## 23910	3	0.9999999
## 23911	2	0.9999999
## 23912	2	0.9999999
## 23913	1	0.9999999
## 23914	4	0.9999999
## 23915	4	0.9999999
## 23916	3	0.9999999
## 23917	1	0.9999999
## 23918	3	0.9999999
## 23919	1	0.9999999
## 23920	2	0.9999999
## 23921	2	0.9999999
## 23922	2	0.9999999
## 23923	4	0.9999999
## 23924	1	0.9999999
## 23925	1	0.9999999
## 23926	3	0.9999999
## 23927	2	0.9999999
## 23928	4	0.9999999
## 23929	2	0.9999999
## 23930	2	0.9999999
## 23931	4	0.9999999
## 23932	4	0.9999999
## 23933	3	0.9999999
## 23934	3	0.9999999
## 23935	1	0.9999999
## 23936	1	0.9999999
## 23937	4	0.9999999
## 23938	4	0.9999999
## 23939	2	0.9999999
## 23940	2	0.9999999
## 23941	2	0.9999999
## 23942	1	0.9999999
## 23943	2	0.9999999
## 23944	2	0.9999999
## 23945	1	0.9999999
## 23946	4	0.9999999
## 23947	2	0.9999999
## 23948	2	0.9999998
## 23949	1	0.9999999
## 23950	3	0.9999999
## 23951	2	0.9999999

## 23952	2	0.9999999
## 23953	3	0.9999999
## 23954	4	0.9999999
## 23955	2	0.9999999
## 23956	4	0.9999999
## 23957	2	0.9999999
## 23958	2	0.9999999
## 23959	2	0.9999999
## 23960	4	0.9999999
## 23961	3	0.9999999
## 23962	3	0.9999999
## 23963	4	0.9999999
## 23964	3	0.9999999
## 23965	4	0.9999999
## 23966	4	0.9999999
## 23967	4	0.9999999
## 23968	3	0.9999999
## 23969	2	0.9999999
## 23970	3	0.9999999
## 23971	3	0.9999999
## 23972	3	0.9999999
## 23973	3	0.9999999
## 23974	1	0.9999999
## 23975	2	0.9999999
## 23976	2	0.9999999
## 23977	4	0.9999999
## 23978	1	0.9999998
## 23979	2	0.9999999
## 23980	3	0.9999999
## 23981	2	0.9999998
## 23982	3	0.9999999
## 23983	4	0.9999999
## 23984	2	0.9999999
## 23985	4	0.9999999
## 23986	4	0.9999999
## 23987	2	0.9999999
## 23988	2	0.9999999
## 23989	4	0.9999999
## 23990	3	0.9999998
## 23991	3	0.9999999
## 23992	2	0.9999999
## 23993	2	0.9999999
## 23994	4	0.9999999
## 23995	2	0.9999999
## 23996	4	0.9999999
## 23997	4	0.9999998
## 23998	4	0.9999999
## 23999	3	0.9999999
## 24000	3	0.9999999
## 24001	1	0.9999999
## 24002	3	0.9999999
## 24003	3	0.9999999
## 24004	3	0.9999999
## 24005	1	0.9999999

## 24006	4	0.9999999
## 24007	3	0.9999999
## 24008	2	0.9999999
## 24009	2	0.9999999
## 24010	1	0.9999999
## 24011	4	0.9999999
## 24012	2	0.9999999
## 24013	0	0.9999998
## 24014	2	0.9999999
## 24015	3	0.9999999
## 24016	2	0.9999999
## 24017	4	0.9999999
## 24018	2	0.9999999
## 24019	4	0.9999999
## 24020	1	0.9999999
## 24021	3	0.9999999
## 24022	2	0.9999999
## 24023	4	0.9999999
## 24024	4	0.9999999
## 24025	2	0.9999998
## 24026	4	0.9999999
## 24027	3	0.9999999
## 24028	2	0.9999999
## 24029	3	0.9999999
## 24030	2	0.9999999
## 24031	2	0.9999999
## 24032	3	0.9999999
## 24033	2	0.9999999
## 24034	3	0.9999999
## 24035	2	0.9999999
## 24036	2	0.9999999
## 24037	2	0.9999999
## 24038	2	0.9999999
## 24039	1	0.9999999
## 24040	1	0.9999999
## 24041	2	0.9999999
## 24042	2	0.9999999
## 24043	2	0.9999999
## 24044	2	0.9999999
## 24045	0	0.9999999
## 24046	3	0.9999999
## 24047	3	0.9999999
## 24048	3	0.9999999
## 24049	2	0.9999999
## 24050	4	0.9999999
## 24051	2	0.9999999
## 24052	3	0.9999999
## 24053	2	0.9999999
## 24054	2	0.9999999
## 24055	2	0.9999999
## 24056	4	0.9999999
## 24057	2	0.9999999
## 24058	2	0.9999999
## 24059	3	0.9999999

## 24060	4	0.9999999
## 24061	4	0.9999999
## 24062	4	0.9999999
## 24063	2	0.9999999
## 24064	3	0.9999999
## 24065	2	0.9999999
## 24066	2	0.9999999
## 24067	3	0.9999999
## 24068	4	0.9999999
## 24069	4	0.9999999
## 24070	4	0.9999999
## 24071	2	0.9999999
## 24072	2	0.9999999
## 24073	2	0.9999999
## 24074	2	0.9999999
## 24075	3	0.9999999
## 24076	3	0.9999999
## 24077	0	0.9999999
## 24078	0	0.9999997
## 24079	4	0.9999999
## 24080	2	0.9999999
## 24081	2	0.9999999
## 24082	2	0.9999999
## 24083	4	0.9999999
## 24084	2	0.9999998
## 24085	2	0.9999999
## 24086	4	0.9999999
## 24087	2	0.9999999
## 24088	3	0.9999999
## 24089	3	0.9999999
## 24090	1	0.9999999
## 24091	3	0.9999999
## 24092	4	0.9999999
## 24093	4	0.9999999
## 24094	2	0.9999999
## 24095	1	0.9999999
## 24096	2	0.9999999
## 24097	2	0.9999999
## 24098	4	0.9999999
## 24099	2	0.9999998
## 24100	3	0.9999999
## 24101	2	0.9999999
## 24102	2	0.9999999
## 24103	3	0.9999999
## 24104	3	0.9999999
## 24105	4	0.9999999
## 24106	3	0.9999999
## 24107	2	0.9999999
## 24108	2	0.9999998
## 24109	4	0.9999999
## 24110	2	0.9999999
## 24111	1	0.9999999
## 24112	2	0.9999999
## 24113	2	0.9999999

## 24114	3	0.9999999
## 24115	2	0.9999999
## 24116	3	0.9999999
## 24117	3	0.9999999
## 24118	2	0.9999999
## 24119	1	0.9999999
## 24120	2	0.9999999
## 24121	3	0.9999999
## 24122	4	0.9999999
## 24123	1	0.9999999
## 24124	4	0.9999999
## 24125	2	0.9999999
## 24126	3	0.9999999
## 24127	4	0.9999999
## 24128	2	0.9999999
## 24129	2	0.9999999
## 24130	4	0.9999999
## 24131	2	0.9999999
## 24132	2	0.9999999
## 24133	2	0.9999999
## 24134	3	0.9999999
## 24135	2	0.9999999
## 24136	4	0.9999999
## 24137	2	0.9999999
## 24138	1	0.9999999
## 24139	3	0.9999999
## 24140	2	0.9999999
## 24141	4	0.9999999
## 24142	2	0.9999999
## 24143	2	0.9999999
## 24144	2	0.9999999
## 24145	2	0.9999999
## 24146	2	0.9999999
## 24147	3	0.9999999
## 24148	2	0.9999999
## 24149	4	0.9999999
## 24150	4	0.9999998
## 24151	3	0.9999999
## 24152	4	0.9999999
## 24153	3	0.9999999
## 24154	3	0.9999999
## 24155	3	0.9999999
## 24156	4	0.9999999
## 24157	3	0.9999999
## 24158	2	0.9999999
## 24159	4	0.9999999
## 24160	2	0.9999999
## 24161	4	0.9999999
## 24162	4	0.9999999
## 24163	3	0.9999999
## 24164	2	0.9999999
## 24165	3	0.9999999
## 24166	2	0.9999999
## 24167	2	0.9999999

## 24168	2	0.9999999
## 24169	2	0.9999998
## 24170	4	0.9999999
## 24171	3	0.9999999
## 24172	3	0.9999999
## 24173	1	0.9999999
## 24174	4	0.9999999
## 24175	3	0.9999999
## 24176	4	0.9999999
## 24177	3	0.9999999
## 24178	2	0.9999999
## 24179	2	0.9999999
## 24180	2	0.9999999
## 24181	2	0.9999999
## 24182	4	0.9999999
## 24183	2	0.9999999
## 24184	2	0.9999999
## 24185	2	0.9999999
## 24186	2	0.9999999
## 24187	3	0.9999999
## 24188	3	0.9999999
## 24189	1	0.9999999
## 24190	2	0.9999999
## 24191	4	0.9999999
## 24192	1	0.9999999
## 24193	1	0.9999999
## 24194	1	0.9999999
## 24195	2	0.9999998
## 24196	3	0.9999999
## 24197	3	0.9999999
## 24198	4	0.9999999
## 24199	2	0.9999999
## 24200	2	0.9999999
## 24201	4	0.9999999
## 24202	2	0.9999998
## 24203	4	0.9999999
## 24204	2	0.9999999
## 24205	3	0.9999999
## 24206	2	0.9999999
## 24207	2	0.9999999
## 24208	2	0.9999999
## 24209	2	0.9999999
## 24210	1	0.9999999
## 24211	4	0.9999999
## 24212	2	0.9999998
## 24213	2	0.9999999
## 24214	4	0.9999999
## 24215	2	0.9999999
## 24216	3	0.9999999
## 24217	2	0.9999999
## 24218	2	0.9999999
## 24219	2	0.9999999
## 24220	4	0.9999999
## 24221	4	0.9999999

## 24222	2	0.9999999
## 24223	3	0.9999999
## 24224	2	0.9999999
## 24225	2	0.9999999
## 24226	4	0.9999999
## 24227	4	0.9999999
## 24228	3	0.9999999
## 24229	4	0.9999999
## 24230	4	0.9999999
## 24231	3	0.9999999
## 24232	2	0.9999999
## 24233	4	0.9999999
## 24234	1	0.9999999
## 24235	4	0.9999999
## 24236	2	0.9999999
## 24237	3	0.9999999
## 24238	2	0.9999999
## 24239	3	0.9999999
## 24240	2	0.9999999
## 24241	2	0.9999999
## 24242	2	0.9999999
## 24243	4	0.9999999
## 24244	2	0.9999999
## 24245	0	0.9999999
## 24246	1	0.9999999
## 24247	2	0.9999999
## 24248	2	0.9999999
## 24249	2	0.9999999
## 24250	2	0.9999999
## 24251	2	0.9999999
## 24252	2	0.9999999
## 24253	2	0.9999999
## 24254	1	0.9999999
## 24255	2	0.9999999
## 24256	2	0.9999999
## 24257	2	0.9999999
## 24258	4	0.9999999
## 24259	3	0.9999999
## 24260	3	0.9999999
## 24261	4	0.9999999
## 24262	3	0.9999999
## 24263	4	0.9999999
## 24264	2	0.9999999
## 24265	2	0.9999999
## 24266	2	0.9999999
## 24267	4	0.9999999
## 24268	4	0.9999999
## 24269	2	0.9999999
## 24270	1	0.9999999
## 24271	2	0.9999999
## 24272	2	0.9999999
## 24273	3	0.9999999
## 24274	4	0.9999999
## 24275	4	0.9999999

## 24276	2	0.9999999
## 24277	3	0.9999999
## 24278	2	0.9999999
## 24279	4	0.9999999
## 24280	2	0.9999999
## 24281	0	0.9999999
## 24282	4	0.9999999
## 24283	3	0.9999999
## 24284	4	0.9999999
## 24285	2	0.9999999
## 24286	3	0.9999999
## 24287	4	0.9999998
## 24288	2	0.9999998
## 24289	2	0.9999998
## 24290	4	0.9999999
## 24291	2	0.9999999
## 24292	2	0.9999999
## 24293	4	0.9999999
## 24294	4	0.9999999
## 24295	3	0.9999999
## 24296	2	0.9999999
## 24297	3	0.9999999
## 24298	3	0.9999999
## 24299	2	0.9999999
## 24300	2	0.9999999
## 24301	3	0.9999999
## 24302	2	0.9999999
## 24303	3	0.9999998
## 24304	2	0.9999999
## 24305	0	0.9999999
## 24306	4	0.9999999
## 24307	2	0.9999999
## 24308	3	0.9999999
## 24309	4	0.9999999
## 24310	3	0.9999999
## 24311	0	0.9999999
## 24312	3	0.9999999
## 24313	2	0.9999999
## 24314	3	0.9999999
## 24315	1	0.9999999
## 24316	3	0.9999999
## 24317	2	0.9999999
## 24318	3	0.9999998
## 24319	4	0.9999999
## 24320	3	0.9999999
## 24321	2	0.9999999
## 24322	2	0.9999999
## 24323	2	0.9999999
## 24324	1	0.9999999
## 24325	2	0.9999999
## 24326	3	0.9999998
## 24327	2	0.9999999
## 24328	3	0.9999999
## 24329	4	0.9999999

## 24330	2	0.9999999
## 24331	1	0.9999999
## 24332	1	0.9999999
## 24333	4	0.9999999
## 24334	3	0.9999999
## 24335	3	0.9999999
## 24336	2	0.9999999
## 24337	1	0.9999999
## 24338	4	0.9999999
## 24339	2	0.9999999
## 24340	1	0.9999999
## 24341	4	0.9999999
## 24342	4	0.9999999
## 24343	2	0.9999999
## 24344	2	0.9999999
## 24345	4	0.9999999
## 24346	3	0.9999999
## 24347	3	0.9999999
## 24348	1	0.9999999
## 24349	4	0.9999999
## 24350	1	0.9999999
## 24351	2	0.9999999
## 24352	2	0.9999999
## 24353	4	0.9999998
## 24354	2	0.9999999
## 24355	1	0.9999999
## 24356	3	0.9999999
## 24357	3	0.9999999
## 24358	4	0.9999999
## 24359	3	0.9999999
## 24360	3	0.9999999
## 24361	2	0.9999998
## 24362	2	0.9999999
## 24363	2	0.9999999
## 24364	2	0.9999999
## 24365	3	0.9999999
## 24366	2	0.9999998
## 24367	3	0.9999999
## 24368	4	0.9999999
## 24369	2	0.9999999
## 24370	3	0.9999999
## 24371	1	0.9999999
## 24372	2	0.9999999
## 24373	2	0.9999999
## 24374	2	0.9999999
## 24375	4	0.9999999
## 24376	4	0.9999999
## 24377	1	0.9999999
## 24378	1	0.9999999
## 24379	3	0.9999999
## 24380	3	0.9999999
## 24381	4	0.9999999
## 24382	3	0.9999999
## 24383	3	0.9999999

## 24384	0	0.9999999
## 24385	4	0.9999999
## 24386	2	0.9999999
## 24387	4	0.9999999
## 24388	1	0.9999999
## 24389	2	0.9999999
## 24390	2	0.9999999
## 24391	0	0.9999999
## 24392	2	0.9999999
## 24393	2	0.9999999
## 24394	2	0.9999999
## 24395	2	0.9999999
## 24396	4	0.9999999
## 24397	2	0.9999999
## 24398	2	0.9999999
## 24399	4	0.9999999
## 24400	1	0.9999999
## 24401	2	0.9999999
## 24402	3	0.9999999
## 24403	2	0.9999999
## 24404	2	0.9999998
## 24405	2	0.9999999
## 24406	2	0.9999999
## 24407	3	0.9999999
## 24408	4	0.9999999
## 24409	3	0.9999999
## 24410	4	0.9999999
## 24411	3	0.9999999
## 24412	3	0.9999999
## 24413	2	0.9999999
## 24414	4	0.9999999
## 24415	4	0.9999999
## 24416	1	0.9999999
## 24417	2	0.9999999
## 24418	3	0.9999999
## 24419	2	0.9999999
## 24420	4	0.9999999
## 24421	4	0.9999999
## 24422	2	0.9999999
## 24423	3	0.9999999
## 24424	4	0.9999999
## 24425	3	0.9999998
## 24426	2	0.9999999
## 24427	2	0.9999999
## 24428	2	0.9999999
## 24429	2	0.9999999
## 24430	0	0.9999999
## 24431	4	0.9999999
## 24432	2	0.9999998
## 24433	2	0.9999999
## 24434	4	0.9999999
## 24435	2	0.9999999
## 24436	2	0.9999999
## 24437	2	0.9999999

## 24438	0	0.9999999
## 24439	3	0.9999999
## 24440	2	0.9999999
## 24441	4	0.9999999
## 24442	4	0.9999999
## 24443	2	0.9999999
## 24444	3	0.9999999
## 24445	4	0.9999999
## 24446	4	0.9999999
## 24447	3	0.9999999
## 24448	3	0.9999999
## 24449	3	0.9999999
## 24450	2	0.9999999
## 24451	2	0.9999999
## 24452	3	0.9999999
## 24453	0	0.9999999
## 24454	2	0.9999999
## 24455	1	0.9999999
## 24456	2	0.9999999
## 24457	1	0.9999999
## 24458	2	0.9999999
## 24459	1	0.9999999
## 24460	4	0.9999999
## 24461	1	0.9999999
## 24462	2	0.9999999
## 24463	3	0.9999999
## 24464	2	0.9999999
## 24465	2	0.9999999
## 24466	2	0.9999999
## 24467	1	0.9999999
## 24468	2	0.9999998
## 24469	3	0.9999999
## 24470	3	0.9999999
## 24471	2	0.9999999
## 24472	2	0.9999999
## 24473	2	0.9999999
## 24474	2	0.9999999
## 24475	4	0.9999999
## 24476	4	0.9999999
## 24477	3	0.9999999
## 24478	3	0.9999999
## 24479	3	0.9999999
## 24480	3	0.9999999
## 24481	0	0.9999999
## 24482	4	0.9999999
## 24483	1	0.9999999
## 24484	3	0.9999999
## 24485	0	0.9999999
## 24486	4	0.9999999
## 24487	3	0.9999999
## 24488	4	0.9999999
## 24489	2	0.9999999
## 24490	1	0.9999999
## 24491	4	0.9999999

## 24492	3	0.9999999
## 24493	4	0.9999999
## 24494	2	0.9999999
## 24495	4	0.9999999
## 24496	4	0.9999999
## 24497	4	0.9999999
## 24498	3	0.9999999
## 24499	1	0.9999999
## 24500	2	0.9999999
## 24501	4	0.9999999
## 24502	3	0.9999999
## 24503	2	0.9999999
## 24504	2	0.9999999
## 24505	3	0.9999999
## 24506	3	0.9999999
## 24507	3	0.9999999
## 24508	2	0.9999999
## 24509	4	0.9999999
## 24510	2	0.9999999
## 24511	3	0.9999998
## 24512	3	0.9999998
## 24513	2	0.9999999
## 24514	3	0.9999999
## 24515	2	0.9999999
## 24516	4	0.9999998
## 24517	1	0.9999999
## 24518	2	0.9999999
## 24519	2	0.9999999
## 24520	4	0.9999999
## 24521	2	0.9999999
## 24522	0	0.9999999
## 24523	1	0.9999999
## 24524	4	0.9999999
## 24525	2	0.9999999
## 24526	2	0.9999999
## 24527	2	0.9999999
## 24528	3	0.9999999
## 24529	4	0.9999998
## 24530	0	0.9999999
## 24531	2	0.9999999
## 24532	4	0.9999999
## 24533	0	0.9999999
## 24534	4	0.9999999
## 24535	2	0.9999999
## 24536	3	0.9999999
## 24537	3	0.9999999
## 24538	4	0.9999999
## 24539	2	0.9999999
## 24540	3	0.9999999
## 24541	4	0.9999999
## 24542	2	0.9999999
## 24543	1	0.9999999
## 24544	3	0.9999999
## 24545	3	0.9999999

## 24546	2	0.9999999
## 24547	2	0.9999999
## 24548	4	0.9999999
## 24549	4	0.9999999
## 24550	2	0.9999999
## 24551	1	0.9999999
## 24552	4	0.9999999
## 24553	4	0.9999999
## 24554	4	0.9999999
## 24555	2	0.9999999
## 24556	1	0.9999999
## 24557	4	0.9999999
## 24558	2	0.9999999
## 24559	4	0.9999999
## 24560	3	0.9999998
## 24561	1	0.9999999
## 24562	3	0.9999999
## 24563	2	0.9999999
## 24564	3	0.9999999
## 24565	4	0.9999999
## 24566	3	0.9999999
## 24567	3	0.9999999
## 24568	2	0.9999999
## 24569	2	0.9999999
## 24570	2	0.9999999
## 24571	2	0.9999999
## 24572	2	0.9999999
## 24573	4	0.9999999
## 24574	3	0.9999999
## 24575	2	0.9999999
## 24576	1	0.9999999
## 24577	4	0.9999999
## 24578	4	0.9999999
## 24579	2	0.9999999
## 24580	3	0.9999999
## 24581	2	0.9999999
## 24582	4	0.9999999
## 24583	2	0.9999999
## 24584	3	0.9999999
## 24585	2	0.9999999
## 24586	2	0.9999999
## 24587	2	0.9999999
## 24588	4	0.9999999
## 24589	2	0.9999999
## 24590	1	0.9999999
## 24591	2	0.9999999
## 24592	2	0.9999999
## 24593	1	0.9999999
## 24594	3	0.9999999
## 24595	3	0.9999999
## 24596	4	0.9999999
## 24597	0	0.9999999
## 24598	2	0.9999999
## 24599	3	0.9999999

## 24600	2	0.9999999
## 24601	0	0.9999999
## 24602	4	0.9999998
## 24603	3	0.9999998
## 24604	4	0.9999998
## 24605	1	0.9999999
## 24606	2	0.9999999
## 24607	3	0.9999999
## 24608	1	0.9999999
## 24609	2	0.9999999
## 24610	3	0.9999999
## 24611	3	0.9999999
## 24612	2	0.9999999
## 24613	3	0.9999999
## 24614	2	0.9999999
## 24615	4	0.9999999
## 24616	3	0.9999999
## 24617	4	0.9999999
## 24618	2	0.9999999
## 24619	4	0.9999999
## 24620	2	0.9999999
## 24621	2	0.9999999
## 24622	2	0.9999999
## 24623	2	0.9999999
## 24624	2	0.9999999
## 24625	1	0.9999999
## 24626	3	0.9999999
## 24627	4	0.9999999
## 24628	4	0.9999999
## 24629	2	0.9999999
## 24630	2	0.9999999
## 24631	1	0.9999999
## 24632	2	0.9999998
## 24633	1	0.9999999
## 24634	1	0.9999999
## 24635	4	0.9999999
## 24636	2	0.9999998
## 24637	3	0.9999999
## 24638	2	0.9999999
## 24639	2	0.9999999
## 24640	3	0.9999999
## 24641	4	0.9999999
## 24642	2	0.9999999
## 24643	2	0.9999999
## 24644	3	0.9999999
## 24645	4	0.9999999
## 24646	3	0.9999999
## 24647	3	0.9999999
## 24648	2	0.9999999
## 24649	1	0.9999999
## 24650	2	0.9999999
## 24651	3	0.9999999
## 24652	2	0.9999999
## 24653	4	0.9999998

## 24654	2	0.9999999
## 24655	4	0.9999999
## 24656	2	0.9999999
## 24657	2	0.9999998
## 24658	3	0.9999999
## 24659	4	0.9999999
## 24660	3	0.9999999
## 24661	2	0.9999999
## 24662	3	0.9999999
## 24663	0	0.9999999
## 24664	2	0.9999999
## 24665	2	0.9999999
## 24666	3	0.9999999
## 24667	2	0.9999999
## 24668	4	0.9999999
## 24669	2	0.9999999
## 24670	4	0.9999999
## 24671	2	0.9999998
## 24672	4	0.9999998
## 24673	2	0.9999999
## 24674	2	0.9999999
## 24675	2	0.9999999
## 24676	4	0.9999999
## 24677	4	0.9999999
## 24678	2	0.9999999
## 24679	4	0.9999999
## 24680	2	0.9999999
## 24681	4	0.9999999
## 24682	4	0.9999999
## 24683	2	0.9999999
## 24684	3	0.9999999
## 24685	3	0.9999999
## 24686	3	0.9999999
## 24687	2	0.9999999
## 24688	2	0.9999999
## 24689	4	0.9999999
## 24690	2	0.9999999
## 24691	4	0.9999999
## 24692	3	0.9999999
## 24693	1	0.9999999
## 24694	4	0.9999999
## 24695	4	0.9999999
## 24696	1	0.9999999
## 24697	3	0.9999999
## 24698	3	0.9999999
## 24699	3	0.9999999
## 24700	2	0.9999999
## 24701	2	0.9999998
## 24702	2	0.9999999
## 24703	3	0.9999999
## 24704	3	0.9999999
## 24705	1	0.9999999
## 24706	1	0.9999999
## 24707	4	0.9999999

## 24708	3	0.9999999
## 24709	4	0.9999999
## 24710	2	0.9999999
## 24711	2	0.9999999
## 24712	2	0.9999999
## 24713	4	0.9999999
## 24714	4	0.9999999
## 24715	4	0.9999999
## 24716	1	0.9999999
## 24717	4	0.9999999
## 24718	2	0.9999999
## 24719	3	0.9999999
## 24720	3	0.9999999
## 24721	3	0.9999999
## 24722	2	0.9999999
## 24723	0	0.9999999
## 24724	2	0.9999999
## 24725	4	0.9999999
## 24726	2	0.9999999
## 24727	2	0.9999999
## 24728	2	0.9999999
## 24729	2	0.9999999
## 24730	4	0.9999999
## 24731	2	0.9999999
## 24732	2	0.9999999
## 24733	2	0.9999999
## 24734	2	0.9999999
## 24735	2	0.9999999
## 24736	2	0.9999999
## 24737	2	0.9999999
## 24738	3	0.9999999
## 24739	4	0.9999999
## 24740	3	0.9999999
## 24741	3	0.9999999
## 24742	2	0.9999999
## 24743	3	0.9999999
## 24744	2	0.9999999
## 24745	3	0.9999999
## 24746	2	0.9999999
## 24747	2	0.9999999
## 24748	2	0.9999999
## 24749	3	0.9999999
## 24750	2	0.9999999
## 24751	2	0.9999999
## 24752	1	0.9999999
## 24753	2	0.9999999
## 24754	3	0.9999999
## 24755	2	0.9999999
## 24756	4	0.9999999
## 24757	2	0.9999999
## 24758	2	0.9999999
## 24759	2	0.9999999
## 24760	2	0.9999999
## 24761	2	0.9999999

## 24762	3	0.9999999
## 24763	1	0.9999999
## 24764	1	0.9999999
## 24765	3	0.9999999
## 24766	2	0.9999999
## 24767	4	0.9999999
## 24768	1	0.9999999
## 24769	2	0.9999998
## 24770	2	0.9999998
## 24771	2	0.9999999
## 24772	3	0.9999999
## 24773	2	0.9999999
## 24774	4	0.9999999
## 24775	4	0.9999999
## 24776	4	0.9999999
## 24777	2	0.9999999
## 24778	3	0.9999999
## 24779	1	0.9999998
## 24780	0	0.9999999
## 24781	3	0.9999999
## 24782	4	0.9999999
## 24783	3	0.9999999
## 24784	4	0.9999999
## 24785	2	0.9999999
## 24786	3	0.9999999
## 24787	2	0.9999999
## 24788	0	0.9999999
## 24789	3	0.9999999
## 24790	1	0.9999999
## 24791	3	0.9999999
## 24792	2	0.9999999
## 24793	2	0.9999999
## 24794	3	0.9999999
## 24795	1	0.9999999
## 24796	3	0.9999999
## 24797	4	0.9999999
## 24798	1	0.9999999
## 24799	3	0.9999999
## 24800	2	0.9999999
## 24801	2	0.9999999
## 24802	4	0.9999999
## 24803	4	0.9999999
## 24804	2	0.9999999
## 24805	2	0.9999999
## 24806	2	0.9999999
## 24807	3	0.9999999
## 24808	3	0.9999999
## 24809	2	0.9999999
## 24810	2	0.9999999
## 24811	2	0.9999999
## 24812	3	0.9999999
## 24813	4	0.9999999
## 24814	1	0.9999999
## 24815	2	0.9999999

## 24816	2	0.9999999
## 24817	2	0.9999998
## 24818	2	0.9999999
## 24819	4	0.9999999
## 24820	2	0.9999999
## 24821	2	0.9999999
## 24822	2	0.9999999
## 24823	1	0.9999999
## 24824	2	0.9999999
## 24825	2	0.9999999
## 24826	0	0.9999999
## 24827	2	0.9999999
## 24828	4	0.9999999
## 24829	2	0.9999999
## 24830	4	0.9999998
## 24831	4	0.9999999
## 24832	2	0.9999999
## 24833	4	0.9999999
## 24834	2	0.9999999
## 24835	2	0.9999999
## 24836	4	0.9999999
## 24837	3	0.9999999
## 24838	2	0.9999999
## 24839	3	0.9999999
## 24840	3	0.9999999
## 24841	2	0.9999999
## 24842	3	0.9999998
## 24843	2	0.9999999
## 24844	2	0.9999999
## 24845	2	0.9999999
## 24846	1	0.9999999
## 24847	1	0.9999999
## 24848	2	0.9999999
## 24849	0	0.9999999
## 24850	3	0.9999999
## 24851	2	0.9999999
## 24852	2	0.9999999
## 24853	4	0.9999999
## 24854	2	0.9999999
## 24855	3	0.9999998
## 24856	3	0.9999999
## 24857	4	0.9999998
## 24858	2	0.9999999
## 24859	3	0.9999999
## 24860	2	0.9999999
## 24861	2	0.9999999
## 24862	4	0.9999999
## 24863	2	0.9999999
## 24864	3	0.9999999
## 24865	1	0.9999999
## 24866	1	0.9999999
## 24867	4	0.9999999
## 24868	3	0.9999999
## 24869	2	0.9999999

## 24870	4	0.9999999
## 24871	2	0.9999998
## 24872	1	0.9999999
## 24873	4	0.9999999
## 24874	3	0.9999999
## 24875	4	0.9999999
## 24876	3	0.9999999
## 24877	3	0.9999999
## 24878	2	0.9999999
## 24879	4	0.9999999
## 24880	3	0.9999999
## 24881	2	0.9999999
## 24882	4	0.9999999
## 24883	2	0.9999999
## 24884	3	0.9999999
## 24885	4	0.9999999
## 24886	2	0.9999999
## 24887	3	0.9999999
## 24888	1	0.9999999
## 24889	2	0.9999999
## 24890	2	0.9999999
## 24891	3	0.9999999
## 24892	4	0.9999999
## 24893	0	0.9999999
## 24894	3	0.9999999
## 24895	1	0.9999999
## 24896	2	0.9999999
## 24897	2	0.9999999
## 24898	2	0.9999999
## 24899	2	0.9999999
## 24900	4	0.9999999
## 24901	4	0.9999999
## 24902	2	0.9999999
## 24903	3	0.9999999
## 24904	1	0.9999999
## 24905	2	0.9999999
## 24906	1	0.9999998
## 24907	3	0.9999999
## 24908	2	0.9999999
## 24909	3	0.9999999
## 24910	1	0.9999999
## 24911	4	0.9999999
## 24912	1	0.9999999
## 24913	2	0.9999999
## 24914	2	0.9999999
## 24915	2	0.9999999
## 24916	3	0.9999999
## 24917	2	0.9999999
## 24918	3	0.9999999
## 24919	2	0.9999999
## 24920	1	0.9999999
## 24921	1	0.9999999
## 24922	2	0.9999999
## 24923	3	0.9999999

## 24924	3	0.9999999
## 24925	1	0.9999999
## 24926	2	0.9999999
## 24927	2	0.9999999
## 24928	4	0.9999999
## 24929	2	0.9999999
## 24930	2	0.9999999
## 24931	3	0.9999999
## 24932	0	0.9999999
## 24933	3	0.9999999
## 24934	1	0.9999999
## 24935	2	0.9999999
## 24936	2	0.9999999
## 24937	1	0.9999999
## 24938	1	0.9999999
## 24939	2	0.9999998
## 24940	3	0.9999999
## 24941	2	0.9999999
## 24942	3	0.9999999
## 24943	2	0.9999999
## 24944	3	0.9999998
## 24945	3	0.9999999
## 24946	2	0.9999999
## 24947	3	0.9999999
## 24948	3	0.9999999
## 24949	2	0.9999999
## 24950	3	0.9999999
## 24951	3	0.9999999
## 24952	2	0.9999999
## 24953	2	0.9999999
## 24954	2	0.9999999
## 24955	2	0.9999999
## 24956	0	0.9999999
## 24957	4	0.9999998
## 24958	2	0.9999999
## 24959	2	0.9999999
## 24960	2	0.9999999
## 24961	4	0.9999999
## 24962	2	0.9999999
## 24963	3	0.9999999
## 24964	3	0.9999999
## 24965	4	0.9999999
## 24966	2	0.9999999
## 24967	2	0.9999999
## 24968	2	0.9999998
## 24969	2	0.9999999
## 24970	4	0.9999999
## 24971	3	0.9999999
## 24972	3	0.9999999
## 24973	4	0.9999999
## 24974	3	0.9999999
## 24975	3	0.9999999
## 24976	4	0.9999999
## 24977	2	0.9999999

## 24978	2	0.9999999
## 24979	3	0.9999998
## 24980	3	0.9999999
## 24981	2	0.9999999
## 24982	2	0.9999999
## 24983	2	0.9999999
## 24984	2	0.9999999
## 24985	2	0.9999999
## 24986	2	0.9999999
## 24987	2	0.9999999
## 24988	2	0.9999999
## 24989	1	0.9999999
## 24990	2	0.9999999
## 24991	3	0.9999999
## 24992	3	0.9999998
## 24993	1	0.9999999
## 24994	4	0.9999999
## 24995	2	0.9999999
## 24996	2	0.9999999
## 24997	2	0.9999999
## 24998	3	0.9999999
## 24999	1	0.9999999
## 25000	1	0.9999999
## 25001	3	0.9999999
## 25002	4	0.9999999
## 25003	2	0.9999999
## 25004	4	0.9999999
## 25005	2	0.9999999
## 25006	3	0.9999999
## 25007	3	0.9999999
## 25008	3	0.9999999
## 25009	2	0.9999999
## 25010	4	0.9999999
## 25011	2	0.9999999
## 25012	4	0.9999999
## 25013	2	0.9999999
## 25014	2	0.9999998
## 25015	2	0.9999999
## 25016	4	0.9999999
## 25017	2	0.9999999
## 25018	3	0.9999999
## 25019	4	0.9999999
## 25020	2	0.9999999
## 25021	2	0.9999999
## 25022	3	0.9999999
## 25023	3	0.9999999
## 25024	2	0.9999999
## 25025	2	0.9999999
## 25026	2	0.9999999
## 25027	2	0.9999999
## 25028	4	0.9999999
## 25029	4	0.9999999
## 25030	2	0.9999999
## 25031	4	0.9999999

## 25032	2	0.9999999
## 25033	2	0.9999999
## 25034	3	0.9999999
## 25035	3	0.9999999
## 25036	3	0.9999999
## 25037	4	0.9999999
## 25038	1	0.9999999
## 25039	4	0.9999999
## 25040	0	0.9999999
## 25041	2	0.9999999
## 25042	1	0.9999999
## 25043	3	0.9999999
## 25044	2	0.9999999
## 25045	2	0.9999999
## 25046	3	0.9999999
## 25047	3	0.9999999
## 25048	3	0.9999999
## 25049	2	0.9999999
## 25050	2	0.9999999
## 25051	0	0.9999999
## 25052	3	0.9999999
## 25053	1	0.9999999
## 25054	3	0.9999999
## 25055	1	0.9999999
## 25056	2	0.9999999
## 25057	3	0.9999999
## 25058	2	0.9999999
## 25059	2	0.9999999
## 25060	1	0.9999999
## 25061	2	0.9999999
## 25062	3	0.9999999
## 25063	3	0.9999998
## 25064	3	0.9999999
## 25065	2	0.9999999
## 25066	2	0.9999998
## 25067	2	0.9999999
## 25068	2	0.9999999
## 25069	3	0.9999999
## 25070	2	0.9999999
## 25071	2	0.9999999
## 25072	2	0.9999999
## 25073	4	0.9999999
## 25074	2	0.9999999
## 25075	2	0.9999999
## 25076	2	0.9999999
## 25077	1	0.9999999
## 25078	2	0.9999999
## 25079	3	0.9999999
## 25080	3	0.9999999
## 25081	2	0.9999999
## 25082	2	0.9999999
## 25083	2	0.9999999
## 25084	2	0.9999999
## 25085	3	0.9999999

## 25086	2	0.9999999
## 25087	2	0.9999999
## 25088	3	0.9999999
## 25089	3	0.9999999
## 25090	1	0.9999999
## 25091	1	0.9999999
## 25092	2	0.9999999
## 25093	1	0.9999999
## 25094	3	0.9999999
## 25095	4	0.9999999
## 25096	2	0.9999999
## 25097	2	0.9999999
## 25098	2	0.9999999
## 25099	1	0.9999999
## 25100	1	0.9999999
## 25101	2	0.9999999
## 25102	3	0.9999999
## 25103	1	0.9999999
## 25104	2	0.9999999
## 25105	3	0.9999999
## 25106	4	0.9999999
## 25107	2	0.9999999
## 25108	3	0.9999999
## 25109	4	0.9999999
## 25110	2	0.9999999
## 25111	1	0.9999999
## 25112	2	0.9999999
## 25113	2	0.9999999
## 25114	4	0.9999999
## 25115	4	0.9999999
## 25116	2	0.9999999
## 25117	2	0.9999999
## 25118	0	0.9999999
## 25119	2	0.9999999
## 25120	2	0.9999999
## 25121	4	0.9999999
## 25122	3	0.9999998
## 25123	3	0.9999999
## 25124	1	0.9999999
## 25125	3	0.9999999
## 25126	2	0.9999999
## 25127	4	0.9999999
## 25128	4	0.9999999
## 25129	4	0.9999999
## 25130	2	0.9999999
## 25131	4	0.9999999
## 25132	0	0.9999999
## 25133	3	0.9999999
## 25134	2	0.9999999
## 25135	0	0.9999999
## 25136	3	0.9999999
## 25137	2	0.9999999
## 25138	0	0.9999999
## 25139	4	0.9999999

## 25140	3	0.9999999
## 25141	2	0.9999999
## 25142	2	0.9999999
## 25143	1	0.9999998
## 25144	2	0.9999999
## 25145	2	0.9999999
## 25146	4	0.9999999
## 25147	3	0.9999999
## 25148	1	0.9999999
## 25149	3	0.9999999
## 25150	3	0.9999999
## 25151	2	0.9999998
## 25152	2	0.9999999
## 25153	2	0.9999999
## 25154	4	0.9999999
## 25155	3	0.9999999
## 25156	3	0.9999999
## 25157	4	0.9999999
## 25158	2	0.9999999
## 25159	2	0.9999999
## 25160	2	0.9999999
## 25161	1	0.9999999
## 25162	3	0.9999998
## 25163	4	0.9999999
## 25164	2	0.9999999
## 25165	3	0.9999999
## 25166	0	0.9999999
## 25167	0	0.9999999
## 25168	3	0.9999999
## 25169	4	0.9999998
## 25170	2	0.9999999
## 25171	2	0.9999999
## 25172	4	0.9999999
## 25173	4	0.9999999
## 25174	4	0.9999999
## 25175	3	0.9999999
## 25176	2	0.9999999
## 25177	2	0.9999999
## 25178	3	0.9999999
## 25179	3	0.9999999
## 25180	3	0.9999999
## 25181	0	0.9999999
## 25182	3	0.9999999
## 25183	2	0.9999999
## 25184	3	0.9999999
## 25185	3	0.9999998
## 25186	4	0.9999999
## 25187	4	0.9999999
## 25188	3	0.9999999
## 25189	3	0.9999999
## 25190	2	0.9999999
## 25191	3	0.9999999
## 25192	4	0.9999999
## 25193	4	0.9999999

## 25194	3	0.9999999
## 25195	2	0.9999999
## 25196	3	0.9999999
## 25197	2	0.9999999
## 25198	2	0.9999999
## 25199	4	0.9999999
## 25200	4	0.9999999
## 25201	2	0.9999999
## 25202	1	0.9999999
## 25203	0	0.9999999
## 25204	4	0.9999999
## 25205	4	0.9999999
## 25206	1	0.9999998
## 25207	4	0.9999999
## 25208	3	0.9999999
## 25209	2	0.9999999
## 25210	1	0.9999999
## 25211	3	0.9999999
## 25212	4	0.9999999
## 25213	0	0.9999999
## 25214	2	0.9999999
## 25215	2	0.9999999
## 25216	2	0.9999999
## 25217	2	0.9999999
## 25218	3	0.9999999
## 25219	3	0.9999999
## 25220	4	0.9999999
## 25221	3	0.9999999
## 25222	2	0.9999999
## 25223	4	0.9999999
## 25224	3	0.9999999
## 25225	2	0.9999999
## 25226	4	0.9999999
## 25227	1	0.9999999
## 25228	2	0.9999999
## 25229	4	0.9999999
## 25230	3	0.9999999
## 25231	2	0.9999999
## 25232	1	0.9999999
## 25233	3	0.9999999
## 25234	2	0.9999999
## 25235	2	0.9999999
## 25236	4	0.9999999
## 25237	2	0.9999999
## 25238	1	0.9999999
## 25239	3	0.9999999
## 25240	3	0.9999999
## 25241	2	0.9999999
## 25242	3	0.9999999
## 25243	4	0.9999999
## 25244	4	0.9999999
## 25245	2	0.9999999
## 25246	0	0.9999999
## 25247	3	0.9999999

## 25248	2	0.9999999
## 25249	2	0.9999999
## 25250	4	0.9999999
## 25251	1	0.9999999
## 25252	1	0.9999999
## 25253	2	0.9999999
## 25254	2	0.9999999
## 25255	1	0.9999999
## 25256	4	0.9999998
## 25257	3	0.9999998
## 25258	2	0.9999999
## 25259	0	0.9999999
## 25260	3	0.9999999
## 25261	2	0.9999999
## 25262	4	0.9999999
## 25263	4	0.9999999
## 25264	4	0.9999999
## 25265	2	0.9999999
## 25266	2	0.9999999
## 25267	3	0.9999999
## 25268	4	0.9999999
## 25269	3	0.9999999
## 25270	4	0.9999999
## 25271	3	0.9999999
## 25272	1	0.9999999
## 25273	2	0.9999999
## 25274	1	0.9999997
## 25275	4	0.9999999
## 25276	4	0.9999999
## 25277	3	0.9999999
## 25278	3	0.9999999
## 25279	1	0.9999999
## 25280	2	0.9999999
## 25281	2	0.9999999
## 25282	2	0.9999999
## 25283	2	0.9999999
## 25284	1	0.9999999
## 25285	3	0.9999999
## 25286	2	0.9999999
## 25287	0	0.9999999
## 25288	2	0.9999999
## 25289	2	0.9999999
## 25290	2	0.9999999
## 25291	2	0.9999999
## 25292	2	0.9999999
## 25293	4	0.9999999
## 25294	4	0.9999999
## 25295	4	0.9999999
## 25296	2	0.9999999
## 25297	1	0.9999999
## 25298	3	0.9999999
## 25299	2	0.9999999
## 25300	2	0.9999999
## 25301	2	0.9999999

## 25302	1	0.9999999
## 25303	3	0.9999999
## 25304	4	0.9999999
## 25305	3	0.9999999
## 25306	2	0.9999999
## 25307	1	0.9999999
## 25308	3	0.9999999
## 25309	2	0.9999999
## 25310	2	0.9999999
## 25311	3	0.9999998
## 25312	4	0.9999999
## 25313	2	0.9999999
## 25314	3	0.9999999
## 25315	2	0.9999999
## 25316	2	0.9999999
## 25317	3	0.9999999
## 25318	1	0.9999999
## 25319	2	0.9999999
## 25320	3	0.9999999
## 25321	4	0.9999999
## 25322	2	0.9999999
## 25323	3	0.9999999
## 25324	1	0.9999999
## 25325	1	0.9999999
## 25326	2	0.9999999
## 25327	3	0.9999999
## 25328	3	0.9999999
## 25329	2	0.9999999
## 25330	2	0.9999999
## 25331	4	0.9999999
## 25332	4	0.9999999
## 25333	2	0.9999998
## 25334	3	0.9999999
## 25335	2	0.9999999
## 25336	4	0.9999999
## 25337	3	0.9999999
## 25338	1	0.9999999
## 25339	2	0.9999999
## 25340	2	0.9999998
## 25341	2	0.9999999
## 25342	3	0.9999999
## 25343	4	0.9999999
## 25344	1	0.9999999
## 25345	2	0.9999999
## 25346	2	0.9999999
## 25347	4	0.9999999
## 25348	2	0.9999999
## 25349	0	0.9999998
## 25350	2	0.9999999
## 25351	4	0.9999999
## 25352	3	0.9999999
## 25353	3	0.9999999
## 25354	2	0.9999999
## 25355	2	0.9999999

## 25356	2	0.9999999
## 25357	2	0.9999999
## 25358	3	0.9999999
## 25359	2	0.9999999
## 25360	2	0.9999999
## 25361	2	0.9999999
## 25362	4	0.9999999
## 25363	3	0.9999999
## 25364	4	0.9999998
## 25365	0	0.9999999
## 25366	2	0.9999999
## 25367	2	0.9999999
## 25368	3	0.9999999
## 25369	2	0.9999999
## 25370	2	0.9999999
## 25371	2	0.9999999
## 25372	1	0.9999999
## 25373	2	0.9999999
## 25374	4	0.9999999
## 25375	2	0.9999999
## 25376	3	0.9999999
## 25377	3	0.9999999
## 25378	2	0.9999999
## 25379	4	0.9999999
## 25380	2	0.9999999
## 25381	4	0.9999999
## 25382	1	0.9999999
## 25383	3	0.9999999
## 25384	1	0.9999999
## 25385	2	0.9999998
## 25386	2	0.9999999
## 25387	2	0.9999999
## 25388	4	0.9999999
## 25389	2	0.9999999
## 25390	3	0.9999999
## 25391	2	0.9999999
## 25392	3	0.9999999
## 25393	2	0.9999999
## 25394	4	0.9999999
## 25395	2	0.9999999
## 25396	2	0.9999999
## 25397	3	0.9999999
## 25398	2	0.9999999
## 25399	2	0.9999999
## 25400	2	0.9999999
## 25401	4	0.9999999
## 25402	4	0.9999999
## 25403	2	0.9999999
## 25404	3	0.9999999
## 25405	2	0.9999999
## 25406	3	0.9999999
## 25407	1	0.9999999
## 25408	0	0.9999998
## 25409	3	0.9999999

## 25410	2	0.9999999
## 25411	3	0.9999999
## 25412	1	0.9999998
## 25413	0	0.9999999
## 25414	2	0.9999999
## 25415	4	0.9999999
## 25416	2	0.9999999
## 25417	2	0.9999999
## 25418	2	0.9999998
## 25419	1	0.9999999
## 25420	2	0.9999999
## 25421	1	0.9999999
## 25422	2	0.9999999
## 25423	4	0.9999999
## 25424	2	0.9999999
## 25425	4	0.9999999
## 25426	2	0.9999999
## 25427	2	0.9999999
## 25428	3	0.9999999
## 25429	0	0.9999999
## 25430	2	0.9999999
## 25431	1	0.9999999
## 25432	3	0.9999999
## 25433	2	0.9999999
## 25434	3	0.9999999
## 25435	2	0.9999999
## 25436	2	0.9999999
## 25437	3	0.9999999
## 25438	2	0.9999999
## 25439	3	0.9999998
## 25440	1	0.9999999
## 25441	4	0.9999999
## 25442	3	0.9999999
## 25443	1	0.9999998
## 25444	2	0.9999999
## 25445	2	0.9999998
## 25446	2	0.9999999
## 25447	2	0.9999999
## 25448	4	0.9999999
## 25449	4	0.9999999
## 25450	3	0.9999998
## 25451	1	0.9999999
## 25452	2	0.9999999
## 25453	2	0.9999999
## 25454	3	0.9999999
## 25455	2	0.9999999
## 25456	2	0.9999999
## 25457	3	0.9999999
## 25458	2	0.9999999
## 25459	2	0.9999999
## 25460	4	0.9999999
## 25461	3	0.9999999
## 25462	4	0.9999999
## 25463	3	0.9999999

## 25464	3	0.9999999
## 25465	3	0.9999999
## 25466	2	0.9999999
## 25467	3	0.9999999
## 25468	3	0.9999999
## 25469	2	0.9999999
## 25470	2	0.9999999
## 25471	2	0.9999999
## 25472	2	0.9999999
## 25473	1	0.9999999
## 25474	2	0.9999998
## 25475	2	0.9999999
## 25476	3	0.9999999
## 25477	2	0.9999999
## 25478	2	0.9999999
## 25479	3	0.9999999
## 25480	2	0.9999999
## 25481	4	0.9999999
## 25482	2	0.9999999
## 25483	3	0.9999999
## 25484	3	0.9999999
## 25485	2	0.9999999
## 25486	2	0.9999999
## 25487	2	0.9999999
## 25488	2	0.9999999
## 25489	2	0.9999999
## 25490	4	0.9999999
## 25491	4	0.9999999
## 25492	1	0.9999999
## 25493	3	0.9999999
## 25494	2	0.9999999
## 25495	3	0.9999999
## 25496	2	0.9999999
## 25497	4	0.9999999
## 25498	0	0.9999999
## 25499	1	0.9999999
## 25500	2	0.9999999
## 25501	0	0.9999999
## 25502	1	0.9999999
## 25503	4	0.9999999
## 25504	3	0.9999999
## 25505	3	0.9999999
## 25506	2	0.9999999
## 25507	3	0.9999999
## 25508	2	0.9999999
## 25509	3	0.9999999
## 25510	1	0.9999999
## 25511	2	0.9999999
## 25512	3	0.9999999
## 25513	2	0.9999999
## 25514	3	0.9999999
## 25515	1	0.9999999
## 25516	2	0.9999999
## 25517	2	0.9999999

## 25518	2	0.9999999
## 25519	1	0.9999999
## 25520	2	0.9999999
## 25521	3	0.9999999
## 25522	3	0.9999999
## 25523	4	0.9999999
## 25524	2	0.9999999
## 25525	3	0.9999999
## 25526	4	0.9999999
## 25527	1	0.9999999
## 25528	3	0.9999999
## 25529	3	0.9999999
## 25530	3	0.9999999
## 25531	3	0.9999999
## 25532	3	0.9999999
## 25533	3	0.9999999
## 25534	3	0.9999999
## 25535	3	0.9999999
## 25536	2	0.9999999
## 25537	4	0.9999999
## 25538	0	0.9999999
## 25539	4	0.9999999
## 25540	3	0.9999999
## 25541	3	0.9999998
## 25542	4	0.9999999
## 25543	2	0.9999999
## 25544	4	0.9999999
## 25545	2	0.9999999
## 25546	2	0.9999999
## 25547	2	0.9999998
## 25548	2	0.9999999
## 25549	2	0.9999999
## 25550	2	0.9999999
## 25551	2	0.9999999
## 25552	4	0.9999999
## 25553	2	0.9999998
## 25554	0	0.9999999
## 25555	4	0.9999999
## 25556	4	0.9999999
## 25557	2	0.9999999
## 25558	1	0.9999999
## 25559	2	0.9999999
## 25560	4	0.9999999
## 25561	2	0.9999999
## 25562	4	0.9999999
## 25563	3	0.9999998
## 25564	2	0.9999999
## 25565	2	0.9999998
## 25566	4	0.9999999
## 25567	2	0.9999999
## 25568	1	0.9999999
## 25569	2	0.9999999
## 25570	2	0.9999999
## 25571	2	0.9999999

## 25572	2	0.9999999
## 25573	3	0.9999999
## 25574	1	0.9999999
## 25575	3	0.9999999
## 25576	3	0.9999999
## 25577	2	0.9999999
## 25578	3	0.9999999
## 25579	4	0.9999999
## 25580	2	0.9999999
## 25581	2	0.9999999
## 25582	3	0.9999999
## 25583	4	0.9999999
## 25584	4	0.9999999
## 25585	1	0.9999999
## 25586	4	0.9999999
## 25587	1	0.9999999
## 25588	3	0.9999999
## 25589	2	0.9999999
## 25590	4	0.9999999
## 25591	3	0.9999999
## 25592	4	0.9999998
## 25593	4	0.9999998
## 25594	2	0.9999999
## 25595	0	0.9999999
## 25596	4	0.9999999
## 25597	2	0.9999999
## 25598	3	0.9999999
## 25599	4	0.9999999
## 25600	2	0.9999999
## 25601	2	0.9999999
## 25602	4	0.9999999
## 25603	4	0.9999999
## 25604	2	0.9999999
## 25605	3	0.9999999
## 25606	3	0.9999999
## 25607	2	0.9999998
## 25608	1	0.9999999
## 25609	2	0.9999999
## 25610	3	0.9999999
## 25611	2	0.9999999
## 25612	1	0.9999999
## 25613	4	0.9999999
## 25614	4	0.9999999
## 25615	2	0.9999999
## 25616	1	0.9999999
## 25617	4	0.9999999
## 25618	2	0.9999999
## 25619	2	0.9999999
## 25620	3	0.9999999
## 25621	3	0.9999999
## 25622	3	0.9999999
## 25623	3	0.9999999
## 25624	1	0.9999999
## 25625	2	0.9999999

## 25626	2	0.9999999
## 25627	2	0.9999999
## 25628	3	0.9999999
## 25629	2	0.9999999
## 25630	4	0.9999999
## 25631	1	0.9999999
## 25632	4	0.9999999
## 25633	2	0.9999999
## 25634	2	0.9999999
## 25635	3	0.9999999
## 25636	2	0.9999999
## 25637	4	0.9999999
## 25638	3	0.9999999
## 25639	2	0.9999999
## 25640	2	0.9999999
## 25641	4	0.9999999
## 25642	3	0.9999999
## 25643	2	0.9999999
## 25644	3	0.9999998
## 25645	3	0.9999999
## 25646	3	0.9999999
## 25647	3	0.9999999
## 25648	3	0.9999998
## 25649	1	0.9999999
## 25650	3	0.9999999
## 25651	2	0.9999999
## 25652	2	0.9999998
## 25653	2	0.9999999
## 25654	4	0.9999999
## 25655	2	0.9999999
## 25656	3	0.9999998
## 25657	3	0.9999999
## 25658	4	0.9999999
## 25659	4	0.9999999
## 25660	2	0.9999999
## 25661	3	0.9999999
## 25662	3	0.9999999
## 25663	1	0.9999999
## 25664	2	0.9999999
## 25665	3	0.9999999
## 25666	2	0.9999999
## 25667	2	0.9999999
## 25668	4	0.9999998
## 25669	3	0.9999999
## 25670	3	0.9999999
## 25671	3	0.9999999
## 25672	2	0.9999999
## 25673	3	0.9999999
## 25674	2	0.9999999
## 25675	2	0.9999999
## 25676	2	0.9999999
## 25677	4	0.9999999
## 25678	4	0.9999999
## 25679	2	0.9999999

## 25680	3	0.9999999
## 25681	2	0.9999999
## 25682	1	0.9999998
## 25683	4	0.9999999
## 25684	4	0.9999999
## 25685	2	0.9999999
## 25686	4	0.9999999
## 25687	2	0.9999999
## 25688	4	0.9999999
## 25689	3	0.9999999
## 25690	2	0.9999999
## 25691	4	0.9999999
## 25692	4	0.9999999
## 25693	3	0.9999999
## 25694	4	0.9999999
## 25695	2	0.9999999
## 25696	3	0.9999999
## 25697	3	0.9999999
## 25698	3	0.9999999
## 25699	2	0.9999999
## 25700	2	0.9999999
## 25701	2	0.9999999
## 25702	1	0.9999999
## 25703	4	0.9999999
## 25704	3	0.9999999
## 25705	3	0.9999999
## 25706	1	0.9999999
## 25707	3	0.9999999
## 25708	4	0.9999999
## 25709	2	0.9999999
## 25710	2	0.9999999
## 25711	3	0.9999999
## 25712	2	0.9999999
## 25713	2	0.9999999
## 25714	1	0.9999999
## 25715	2	0.9999999
## 25716	1	0.9999999
## 25717	0	0.9999999
## 25718	3	0.9999999
## 25719	3	0.9999999
## 25720	1	0.9999999
## 25721	4	0.9999999
## 25722	3	0.9999999
## 25723	3	0.9999999
## 25724	3	0.9999998
## 25725	1	0.9999999
## 25726	2	0.9999999
## 25727	2	0.9999999
## 25728	4	0.9999999
## 25729	3	0.9999999
## 25730	4	0.9999999
## 25731	1	0.9999999
## 25732	0	0.9999999
## 25733	2	0.9999999

## 25734	1	0.9999999
## 25735	4	0.9999999
## 25736	1	0.9999999
## 25737	4	0.9999999
## 25738	0	0.9999999
## 25739	2	0.9999999
## 25740	3	0.9999999
## 25741	4	0.9999999
## 25742	4	0.9999999
## 25743	0	0.9999999
## 25744	3	0.9999999
## 25745	2	0.9999999
## 25746	2	0.9999999
## 25747	2	0.9999999
## 25748	3	0.9999999
## 25749	2	0.9999999
## 25750	2	0.9999999
## 25751	4	0.9999998
## 25752	2	0.9999999
## 25753	3	0.9999999
## 25754	4	0.9999999
## 25755	2	0.9999999
## 25756	2	0.9999999
## 25757	2	0.9999999
## 25758	2	0.9999999
## 25759	3	0.9999999
## 25760	2	0.9999999
## 25761	3	0.9999999
## 25762	3	0.9999999
## 25763	4	0.9999998
## 25764	2	0.9999999
## 25765	3	0.9999999
## 25766	3	0.9999999
## 25767	2	0.9999999
## 25768	2	0.9999999
## 25769	2	0.9999999
## 25770	2	0.9999999
## 25771	3	0.9999999
## 25772	2	0.9999999
## 25773	4	0.9999998
## 25774	3	0.9999999
## 25775	4	0.9999999
## 25776	2	0.9999999
## 25777	2	0.9999999
## 25778	4	0.9999999
## 25779	2	0.9999999
## 25780	3	0.9999999
## 25781	4	0.9999999
## 25782	3	0.9999999
## 25783	2	0.9999999
## 25784	3	0.9999999
## 25785	4	0.9999999
## 25786	3	0.9999999
## 25787	2	0.9999999

## 25788	2	0.9999999
## 25789	2	0.9999999
## 25790	1	0.9999999
## 25791	2	0.9999999
## 25792	4	0.9999999
## 25793	4	0.9999999
## 25794	4	0.9999999
## 25795	3	0.9999999
## 25796	3	0.9999999
## 25797	2	0.9999999
## 25798	2	0.9999999
## 25799	4	0.9999999
## 25800	2	0.9999999
## 25801	2	0.9999999
## 25802	1	0.9999999
## 25803	3	0.9999999
## 25804	4	0.9999999
## 25805	2	0.9999999
## 25806	3	0.9999999
## 25807	4	0.9999999
## 25808	2	0.9999999
## 25809	4	0.9999999
## 25810	4	0.9999999
## 25811	4	0.9999999
## 25812	4	0.9999999
## 25813	2	0.9999999
## 25814	4	0.9999999
## 25815	2	0.9999999
## 25816	2	0.9999998
## 25817	2	0.9999999
## 25818	4	0.9999999
## 25819	2	0.9999999
## 25820	2	0.9999999
## 25821	2	0.9999999
## 25822	2	0.9999999
## 25823	3	0.9999999
## 25824	3	0.9999999
## 25825	4	0.9999999
## 25826	2	0.9999999
## 25827	4	0.9999999
## 25828	3	0.9999999
## 25829	2	0.9999999
## 25830	1	0.9999998
## 25831	4	0.9999999
## 25832	3	0.9999999
## 25833	2	0.9999999
## 25834	4	0.9999999
## 25835	3	0.9999999
## 25836	1	0.9999999
## 25837	3	0.9999999
## 25838	4	0.9999999
## 25839	2	0.9999999
## 25840	4	0.9999999
## 25841	4	0.9999999

## 25842	0	0.9999999
## 25843	4	0.9999999
## 25844	4	0.9999999
## 25845	3	0.9999999
## 25846	2	0.9999999
## 25847	2	0.9999999
## 25848	1	0.9999999
## 25849	2	0.9999999
## 25850	2	0.9999999
## 25851	3	0.9999999
## 25852	3	0.9999999
## 25853	1	0.9999999
## 25854	2	0.9999999
## 25855	2	0.9999999
## 25856	3	0.9999999
## 25857	1	0.9999999
## 25858	1	0.9999999
## 25859	2	0.9999999
## 25860	3	0.9999999
## 25861	3	0.9999999
## 25862	3	0.9999999
## 25863	1	0.9999999
## 25864	2	0.9999999
## 25865	2	0.9999999
## 25866	2	0.9999998
## 25867	3	0.9999999
## 25868	4	0.9999999
## 25869	4	0.9999999
## 25870	2	0.9999999
## 25871	2	0.9999999
## 25872	3	0.9999999
## 25873	2	0.9999999
## 25874	3	0.9999999
## 25875	4	0.9999999
## 25876	2	0.9999999
## 25877	2	0.9999999
## 25878	4	0.9999999
## 25879	2	0.9999999
## 25880	2	0.9999999
## 25881	3	0.9999999
## 25882	2	0.9999999
## 25883	4	0.9999999
## 25884	2	0.9999999
## 25885	1	0.9999999
## 25886	4	0.9999999
## 25887	3	0.9999999
## 25888	3	0.9999998
## 25889	4	0.9999999
## 25890	3	0.9999999
## 25891	4	0.9999999
## 25892	2	0.9999999
## 25893	2	0.9999999
## 25894	1	0.9999999
## 25895	3	0.9999999

## 25896	4	0.9999999
## 25897	2	0.9999999
## 25898	4	0.9999999
## 25899	4	0.9999999
## 25900	1	0.9999999
## 25901	3	0.9999999
## 25902	2	0.9999999
## 25903	2	0.9999999
## 25904	1	0.9999999
## 25905	3	0.9999999
## 25906	1	0.9999999
## 25907	3	0.9999999
## 25908	2	0.9999999
## 25909	4	0.9999999
## 25910	3	0.9999999
## 25911	3	0.9999999
## 25912	4	0.9999999
## 25913	3	0.9999999
## 25914	2	0.9999999
## 25915	3	0.9999999
## 25916	1	0.9999999
## 25917	2	0.9999999
## 25918	2	0.9999999
## 25919	2	0.9999999
## 25920	3	0.9999999
## 25921	2	0.9999999
## 25922	2	0.9999999
## 25923	3	0.9999999
## 25924	2	0.9999999
## 25925	2	0.9999999
## 25926	3	0.9999999
## 25927	2	0.9999999
## 25928	1	0.9999999
## 25929	2	0.9999999
## 25930	2	0.9999999
## 25931	0	0.9999999
## 25932	2	0.9999999
## 25933	4	0.9999999
## 25934	2	0.9999999
## 25935	1	0.9999999
## 25936	3	0.9999999
## 25937	3	0.9999999
## 25938	2	0.9999999
## 25939	2	0.9999999
## 25940	3	0.9999999
## 25941	4	0.9999998
## 25942	4	0.9999999
## 25943	4	0.9999999
## 25944	3	0.9999999
## 25945	2	0.9999999
## 25946	3	0.9999999
## 25947	2	0.9999999
## 25948	3	0.9999999
## 25949	4	0.9999999

## 25950	3	0.9999999
## 25951	4	0.9999999
## 25952	4	0.9999999
## 25953	4	0.9999999
## 25954	2	0.9999999
## 25955	3	0.9999999
## 25956	3	0.9999999
## 25957	2	0.9999999
## 25958	0	0.9999998
## 25959	1	0.9999999
## 25960	2	0.9999999
## 25961	2	0.9999999
## 25962	4	0.9999999
## 25963	4	0.9999999
## 25964	4	0.9999999
## 25965	2	0.9999999
## 25966	3	0.9999999
## 25967	3	0.9999999
## 25968	2	0.9999999
## 25969	4	0.9999999
## 25970	2	0.9999999
## 25971	4	0.9999999
## 25972	2	0.9999999
## 25973	2	0.9999999
## 25974	4	0.9999999
## 25975	4	0.9999999
## 25976	2	0.9999999
## 25977	4	0.9999999
## 25978	4	0.9999999
## 25979	3	0.9999999
## 25980	2	0.9999999
## 25981	2	0.9999999
## 25982	4	0.9999999
## 25983	2	0.9999999
## 25984	2	0.9999999
## 25985	4	0.9999999
## 25986	3	0.9999999
## 25987	1	0.9999999
## 25988	4	0.9999999
## 25989	2	0.9999999
## 25990	4	0.9999999
## 25991	0	0.9999999
## 25992	2	0.9999999
## 25993	1	0.9999999
## 25994	2	0.9999999
## 25995	4	0.9999999
## 25996	2	0.9999999
## 25997	4	0.9999999
## 25998	2	0.9999999
## 25999	3	0.9999999
## 26000	4	0.9999999
## 26001	1	0.9999999
## 26002	2	0.9999999
## 26003	4	0.9999999

## 26004	2	0.9999998
## 26005	4	0.9999999
## 26006	2	0.9999999
## 26007	3	0.9999999
## 26008	4	0.9999999
## 26009	2	0.9999999
## 26010	3	0.9999999
## 26011	4	0.9999999
## 26012	2	0.9999999
## 26013	2	0.9999999
## 26014	4	0.9999999
## 26015	4	0.9999999
## 26016	2	0.9999999
## 26017	2	0.9999999
## 26018	2	0.9999999
## 26019	2	0.9999999
## 26020	2	0.9999999
## 26021	0	0.9999999
## 26022	2	0.9999999
## 26023	3	0.9999999
## 26024	1	0.9999999
## 26025	4	0.9999999
## 26026	2	0.9999999
## 26027	4	0.9999999
## 26028	0	0.9999999
## 26029	3	0.9999999
## 26030	2	0.9999999
## 26031	4	0.9999999
## 26032	2	0.9999999
## 26033	3	0.9999999
## 26034	1	0.9999998
## 26035	3	0.9999999
## 26036	2	0.9999999
## 26037	1	0.9999999
## 26038	2	0.9999999
## 26039	1	0.9999999
## 26040	3	0.9999999
## 26041	3	0.9999999
## 26042	2	0.9999999
## 26043	3	0.9999999
## 26044	3	0.9999999
## 26045	2	0.9999998
## 26046	3	0.9999999
## 26047	3	0.9999999
## 26048	3	0.9999999
## 26049	2	0.9999999
## 26050	2	0.9999999
## 26051	3	0.9999999
## 26052	2	0.9999999
## 26053	3	0.9999999
## 26054	3	0.9999999
## 26055	2	0.9999999
## 26056	2	0.9999999
## 26057	4	0.9999999

## 26058	4	0.9999999
## 26059	2	0.9999999
## 26060	2	0.9999999
## 26061	2	0.9999999
## 26062	3	0.9999999
## 26063	4	0.9999999
## 26064	3	0.9999999
## 26065	2	0.9999999
## 26066	1	0.9999999
## 26067	2	0.9999999
## 26068	2	0.9999999
## 26069	2	0.9999999
## 26070	4	0.9999999
## 26071	4	0.9999999
## 26072	2	0.9999999
## 26073	2	0.9999999
## 26074	3	0.9999999
## 26075	3	0.9999999
## 26076	3	0.9999999
## 26077	2	0.9999998
## 26078	2	0.9999999
## 26079	2	0.9999999
## 26080	4	0.9999999
## 26081	1	0.9999999
## 26082	2	0.9999999
## 26083	2	0.9999999
## 26084	3	0.9999999
## 26085	0	0.9999999
## 26086	4	0.9999999
## 26087	4	0.9999999
## 26088	0	0.9999999
## 26089	2	0.9999998
## 26090	2	0.9999999
## 26091	2	0.9999999
## 26092	4	0.9999999
## 26093	4	0.9999999
## 26094	4	0.9999999
## 26095	2	0.9999999
## 26096	3	0.9999999
## 26097	4	0.9999999
## 26098	3	0.9999999
## 26099	2	0.9999999
## 26100	3	0.9999999
## 26101	3	0.9999999
## 26102	3	0.9999999
## 26103	1	0.9999999
## 26104	3	0.9999999
## 26105	4	0.9999999
## 26106	3	0.9999999
## 26107	2	0.9999999
## 26108	2	0.9999999
## 26109	4	0.9999999
## 26110	3	0.9999999
## 26111	2	0.9999999

## 26112	3	0.9999999
## 26113	4	0.9999999
## 26114	2	0.9999999
## 26115	4	0.9999999
## 26116	3	0.9999999
## 26117	1	0.9999999
## 26118	3	0.9999999
## 26119	3	0.9999999
## 26120	2	0.9999999
## 26121	3	0.9999998
## 26122	3	0.9999999
## 26123	3	0.9999999
## 26124	4	0.9999999
## 26125	1	0.9999999
## 26126	3	0.9999999
## 26127	0	0.9999999
## 26128	1	0.9999999
## 26129	3	0.9999999
## 26130	4	0.9999999
## 26131	2	0.9999998
## 26132	2	0.9999999
## 26133	2	0.9999999
## 26134	2	0.9999999
## 26135	3	0.9999999
## 26136	2	0.9999999
## 26137	3	0.9999999
## 26138	2	0.9999999
## 26139	4	0.9999999
## 26140	2	0.9999999
## 26141	4	0.9999999
## 26142	3	0.9999999
## 26143	3	0.9999999
## 26144	3	0.9999999
## 26145	0	0.9999999
## 26146	2	0.9999999
## 26147	4	0.9999999
## 26148	2	0.9999999
## 26149	2	0.9999999
## 26150	3	0.9999999
## 26151	2	0.9999999
## 26152	3	0.9999999
## 26153	3	0.9999999
## 26154	4	0.9999999
## 26155	1	0.9999998
## 26156	2	0.9999999
## 26157	2	0.9999999
## 26158	3	0.9999999
## 26159	2	0.9999999
## 26160	2	0.9999999
## 26161	4	0.9999999
## 26162	4	0.9999999
## 26163	3	0.9999999
## 26164	1	0.9999999
## 26165	1	0.9999999

## 26166	3	0.9999999
## 26167	3	0.9999999
## 26168	3	0.9999999
## 26169	2	0.9999999
## 26170	2	0.9999999
## 26171	3	0.9999999
## 26172	3	0.9999999
## 26173	1	0.9999999
## 26174	2	0.9999999
## 26175	2	0.9999999
## 26176	3	0.9999999
## 26177	4	0.9999999
## 26178	3	0.9999999
## 26179	2	0.9999998
## 26180	3	0.9999999
## 26181	2	0.9999999
## 26182	4	0.9999999
## 26183	2	0.9999999
## 26184	2	0.9999999
## 26185	3	0.9999999
## 26186	3	0.9999999
## 26187	2	0.9999999
## 26188	4	0.9999999
## 26189	2	0.9999999
## 26190	1	0.9999999
## 26191	4	0.9999999
## 26192	3	0.9999999
## 26193	2	0.9999999
## 26194	4	0.9999999
## 26195	2	0.9999999
## 26196	4	0.9999999
## 26197	4	0.9999999
## 26198	4	0.9999999
## 26199	3	0.9999999
## 26200	4	0.9999999
## 26201	4	0.9999999
## 26202	2	0.9999999
## 26203	3	0.9999999
## 26204	2	0.9999999
## 26205	2	0.9999999
## 26206	2	0.9999999
## 26207	2	0.9999999
## 26208	1	0.9999999
## 26209	1	0.9999999
## 26210	1	0.9999999
## 26211	2	0.9999999
## 26212	3	0.9999999
## 26213	1	0.9999999
## 26214	2	0.9999999
## 26215	1	0.9999999
## 26216	4	0.9999999
## 26217	4	0.9999999
## 26218	2	0.9999999
## 26219	0	0.9999999

## 26220	3	0.9999999
## 26221	4	0.9999999
## 26222	1	0.9999999
## 26223	1	0.9999999
## 26224	0	0.9999999
## 26225	3	0.9999999
## 26226	1	0.9999999
## 26227	2	0.9999999
## 26228	4	0.9999998
## 26229	3	0.9999999
## 26230	3	0.9999999
## 26231	4	0.9999998
## 26232	3	0.9999999
## 26233	2	0.9999999
## 26234	4	0.9999999
## 26235	3	0.9999999
## 26236	1	0.9999999
## 26237	2	0.9999999
## 26238	3	0.9999999
## 26239	4	0.9999999
## 26240	0	0.9999999
## 26241	4	0.9999999
## 26242	2	0.9999999
## 26243	2	0.9999998
## 26244	1	0.9999999
## 26245	2	0.9999999
## 26246	2	0.9999999
## 26247	2	0.9999999
## 26248	2	0.9999999
## 26249	1	0.9999999
## 26250	2	0.9999999
## 26251	4	0.9999998
## 26252	4	0.9999999
## 26253	4	0.9999999
## 26254	4	0.9999999
## 26255	4	0.9999999
## 26256	4	0.9999999
## 26257	2	0.9999998
## 26258	2	0.9999999
## 26259	4	0.9999999
## 26260	3	0.9999999
## 26261	2	0.9999999
## 26262	2	0.9999999
## 26263	3	0.9999999
## 26264	2	0.9999999
## 26265	1	0.9999999
## 26266	2	0.9999999
## 26267	4	0.9999999
## 26268	1	0.9999999
## 26269	2	0.9999999
## 26270	3	0.9999999
## 26271	2	0.9999999
## 26272	3	0.9999999
## 26273	3	0.9999999

## 26274	3	0.9999999
## 26275	2	0.9999999
## 26276	2	0.9999999
## 26277	2	0.9999998
## 26278	3	0.9999999
## 26279	3	0.9999999
## 26280	3	0.9999999
## 26281	2	0.9999999
## 26282	4	0.9999999
## 26283	2	0.9999999
## 26284	2	0.9999999
## 26285	4	0.9999999
## 26286	2	0.9999998
## 26287	4	0.9999999
## 26288	3	0.9999999
## 26289	4	0.9999999
## 26290	0	0.9999999
## 26291	3	0.9999999
## 26292	3	0.9999999
## 26293	2	0.9999999
## 26294	1	0.9999999
## 26295	4	0.9999999
## 26296	3	0.9999999
## 26297	2	0.9999999
## 26298	4	0.9999999
## 26299	3	0.9999999
## 26300	4	0.9999999
## 26301	1	0.9999999
## 26302	3	0.9999998
## 26303	4	0.9999999
## 26304	4	0.9999999
## 26305	4	0.9999999
## 26306	4	0.9999998
## 26307	3	0.9999999
## 26308	2	0.9999999
## 26309	2	0.9999999
## 26310	1	0.9999999
## 26311	2	0.9999999
## 26312	2	0.9999999
## 26313	4	0.9999999
## 26314	1	0.9999999
## 26315	2	0.9999999
## 26316	3	0.9999999
## 26317	3	0.9999999
## 26318	2	0.9999999
## 26319	4	0.9999999
## 26320	4	0.9999999
## 26321	2	0.9999999
## 26322	2	0.9999999
## 26323	3	0.9999999
## 26324	1	0.9999999
## 26325	1	0.9999999
## 26326	2	0.9999999
## 26327	3	0.9999999

## 26328	4	0.9999999
## 26329	4	0.9999999
## 26330	3	0.9999999
## 26331	4	0.9999999
## 26332	4	0.9999999
## 26333	3	0.9999999
## 26334	2	0.9999999
## 26335	4	0.9999999
## 26336	4	0.9999998
## 26337	2	0.9999999
## 26338	3	0.9999999
## 26339	3	0.9999999
## 26340	2	0.9999999
## 26341	2	0.9999999
## 26342	3	0.9999999
## 26343	3	0.9999999
## 26344	2	0.9999999
## 26345	2	0.9999999
## 26346	3	0.9999999
## 26347	3	0.9999998
## 26348	4	0.9999999
## 26349	3	0.9999999
## 26350	3	0.9999999
## 26351	4	0.9999998
## 26352	2	0.9999999
## 26353	2	0.9999999
## 26354	1	0.9999999
## 26355	2	0.9999999
## 26356	3	0.9999999
## 26357	4	0.9999999
## 26358	3	0.9999999
## 26359	4	0.9999999
## 26360	3	0.9999999
## 26361	2	0.9999999
## 26362	3	0.9999999
## 26363	4	0.9999999
## 26364	4	0.9999999
## 26365	2	0.9999999
## 26366	3	0.9999999
## 26367	2	0.9999998
## 26368	2	0.9999999
## 26369	1	0.9999999
## 26370	2	0.9999999
## 26371	4	0.9999999
## 26372	4	0.9999999
## 26373	4	0.9999999
## 26374	3	0.9999999
## 26375	2	0.9999999
## 26376	2	0.9999999
## 26377	3	0.9999999
## 26378	3	0.9999999
## 26379	4	0.9999999
## 26380	2	0.9999999
## 26381	4	0.9999999

## 26382	3	0.9999999
## 26383	2	0.9999999
## 26384	2	0.9999999
## 26385	2	0.9999999
## 26386	4	0.9999999
## 26387	2	0.9999999
## 26388	0	0.9999999
## 26389	3	0.9999999
## 26390	3	0.9999999
## 26391	2	0.9999999
## 26392	1	0.9999999
## 26393	2	0.9999999
## 26394	2	0.9999999
## 26395	3	0.9999999
## 26396	3	0.9999999
## 26397	2	0.9999999
## 26398	2	0.9999999
## 26399	2	0.9999999
## 26400	4	0.9999999
## 26401	2	0.9999999
## 26402	2	0.9999999
## 26403	3	0.9999999
## 26404	4	0.9999999
## 26405	3	0.9999999
## 26406	3	0.9999999
## 26407	2	0.9999999
## 26408	2	0.9999999
## 26409	1	0.9999998
## 26410	4	0.9999999
## 26411	3	0.9999998
## 26412	1	0.9999999
## 26413	2	0.9999999
## 26414	3	0.9999999
## 26415	3	0.9999999
## 26416	2	0.9999999
## 26417	2	0.9999999
## 26418	4	0.9999999
## 26419	4	0.9999999
## 26420	4	0.9999999
## 26421	3	0.9999999
## 26422	1	0.9999999
## 26423	2	0.9999999
## 26424	2	0.9999999
## 26425	2	0.9999999
## 26426	0	0.9999999
## 26427	1	0.9999999
## 26428	2	0.9999999
## 26429	3	0.9999999
## 26430	2	0.9999999
## 26431	4	0.9999999
## 26432	4	0.9999999
## 26433	2	0.9999999
## 26434	4	0.9999999
## 26435	1	0.9999999

## 26436	2	0.9999999
## 26437	2	0.9999999
## 26438	4	0.9999998
## 26439	3	0.9999999
## 26440	2	0.9999999
## 26441	1	0.9999999
## 26442	4	0.9999999
## 26443	4	0.9999999
## 26444	2	0.9999999
## 26445	3	0.9999999
## 26446	2	0.9999999
## 26447	3	0.9999999
## 26448	2	0.9999999
## 26449	4	0.9999999
## 26450	4	0.9999999
## 26451	2	0.9999999
## 26452	4	0.9999999
## 26453	3	0.9999999
## 26454	3	0.9999999
## 26455	4	0.9999999
## 26456	4	0.9999999
## 26457	3	0.9999999
## 26458	1	0.9999999
## 26459	1	0.9999999
## 26460	0	0.9999999
## 26461	3	0.9999999
## 26462	2	0.9999999
## 26463	2	0.9999999
## 26464	2	0.9999999
## 26465	4	0.9999999
## 26466	4	0.9999999
## 26467	2	0.9999999
## 26468	2	0.9999999
## 26469	2	0.9999999
## 26470	2	0.9999999
## 26471	2	0.9999999
## 26472	2	0.9999999
## 26473	2	0.9999999
## 26474	2	0.9999999
## 26475	3	0.9999999
## 26476	4	0.9999999
## 26477	3	0.9999999
## 26478	4	0.9999999
## 26479	3	0.9999999
## 26480	2	0.9999999
## 26481	4	0.9999999
## 26482	2	0.9999999
## 26483	3	0.9999999
## 26484	3	0.9999999
## 26485	4	0.9999999
## 26486	2	0.9999999
## 26487	4	0.9999999
## 26488	2	0.9999999
## 26489	4	0.9999999

## 26490	3	0.9999999
## 26491	1	0.9999999
## 26492	3	0.9999999
## 26493	2	0.9999999
## 26494	4	0.9999999
## 26495	2	0.9999999
## 26496	2	0.9999999
## 26497	4	0.9999999
## 26498	2	0.9999998
## 26499	2	0.9999999
## 26500	4	0.9999999
## 26501	1	0.9999999
## 26502	2	0.9999999
## 26503	2	0.9999999
## 26504	2	0.9999999
## 26505	3	0.9999999
## 26506	1	0.9999999
## 26507	2	0.9999999
## 26508	4	0.9999999
## 26509	3	0.9999999
## 26510	3	0.9999999
## 26511	2	0.9999999
## 26512	4	0.9999999
## 26513	3	0.9999999
## 26514	2	0.9999999
## 26515	2	0.9999999
## 26516	4	0.9999999
## 26517	2	0.9999999
## 26518	2	0.9999998
## 26519	2	0.9999999
## 26520	3	0.9999999
## 26521	0	0.9999999
## 26522	3	0.9999999
## 26523	2	0.9999999
## 26524	2	0.9999999
## 26525	3	0.9999999
## 26526	4	0.9999999
## 26527	3	0.9999999
## 26528	2	0.9999999
## 26529	3	0.9999999
## 26530	0	0.9999999
## 26531	0	0.9999998
## 26532	2	0.9999999
## 26533	4	0.9999999
## 26534	4	0.9999999
## 26535	4	0.9999999
## 26536	1	0.9999999
## 26537	2	0.9999999
## 26538	3	0.9999999
## 26539	4	0.9999999
## 26540	3	0.9999999
## 26541	2	0.9999999
## 26542	2	0.9999999
## 26543	2	0.9999999

## 26544	2	0.9999999
## 26545	2	0.9999999
## 26546	2	0.9999999
## 26547	3	0.9999999
## 26548	2	0.9999999
## 26549	2	0.9999999
## 26550	3	0.9999999
## 26551	2	0.9999999
## 26552	4	0.9999999
## 26553	4	0.9999998
## 26554	4	0.9999999
## 26555	1	0.9999999
## 26556	4	0.9999999
## 26557	4	0.9999999
## 26558	2	0.9999999
## 26559	3	0.9999999
## 26560	1	0.9999999
## 26561	2	0.9999999
## 26562	3	0.9999999
## 26563	3	0.9999999
## 26564	3	0.9999999
## 26565	3	0.9999999
## 26566	0	0.9999999
## 26567	4	0.9999999
## 26568	4	0.9999999
## 26569	1	0.9999999
## 26570	3	0.9999999
## 26571	2	0.9999999
## 26572	3	0.9999999
## 26573	2	0.9999999
## 26574	1	0.9999999
## 26575	3	0.9999999
## 26576	4	0.9999999
## 26577	2	0.9999999
## 26578	2	0.9999999
## 26579	3	0.9999999
## 26580	3	0.9999999
## 26581	3	0.9999999
## 26582	2	0.9999999
## 26583	1	0.9999999
## 26584	0	0.9999999
## 26585	4	0.9999999
## 26586	4	0.9999999
## 26587	2	0.9999999
## 26588	3	0.9999999
## 26589	4	0.9999999
## 26590	2	0.9999999
## 26591	2	0.9999999
## 26592	1	0.9999998
## 26593	2	0.9999999
## 26594	3	0.9999999
## 26595	3	0.9999999
## 26596	3	0.9999999
## 26597	3	0.9999999

## 26598	4	0.9999999
## 26599	3	0.9999999
## 26600	0	0.9999999
## 26601	4	0.9999999
## 26602	2	0.9999999
## 26603	2	0.9999999
## 26604	2	0.9999999
## 26605	3	0.9999999
## 26606	4	0.9999999
## 26607	2	0.9999999
## 26608	4	0.9999999
## 26609	4	0.9999999
## 26610	3	0.9999999
## 26611	4	0.9999999
## 26612	4	0.9999999
## 26613	4	0.9999999
## 26614	3	0.9999999
## 26615	4	0.9999999
## 26616	4	0.9999999
## 26617	2	0.9999999
## 26618	2	0.9999999
## 26619	1	0.9999999
## 26620	3	0.9999999
## 26621	4	0.9999999
## 26622	1	0.9999999
## 26623	2	0.9999999
## 26624	2	0.9999999
## 26625	2	0.9999999
## 26626	3	0.9999999
## 26627	4	0.9999999
## 26628	0	0.9999998
## 26629	2	0.9999999
## 26630	1	0.9999999
## 26631	2	0.9999999
## 26632	3	0.9999999
## 26633	2	0.9999999
## 26634	4	0.9999999
## 26635	4	0.9999999
## 26636	2	0.9999999
## 26637	4	0.9999999
## 26638	3	0.9999999
## 26639	2	0.9999999
## 26640	2	0.9999999
## 26641	1	0.9999999
## 26642	2	0.9999999
## 26643	2	0.9999999
## 26644	4	0.9999999
## 26645	2	0.9999999
## 26646	4	0.9999999
## 26647	1	0.9999999
## 26648	4	0.9999999
## 26649	2	0.9999999
## 26650	4	0.9999999
## 26651	4	0.9999999

## 26652	3	0.9999999
## 26653	2	0.9999999
## 26654	4	0.9999999
## 26655	2	0.9999998
## 26656	4	0.9999999
## 26657	2	0.9999999
## 26658	3	0.9999999
## 26659	2	0.9999999
## 26660	2	0.9999999
## 26661	1	0.9999999
## 26662	0	0.9999998
## 26663	0	0.9999999
## 26664	4	0.9999999
## 26665	2	0.9999999
## 26666	3	0.9999999
## 26667	2	0.9999999
## 26668	3	0.9999999
## 26669	4	0.9999999
## 26670	2	0.9999999
## 26671	3	0.9999999
## 26672	4	0.9999999
## 26673	1	0.9999999
## 26674	4	0.9999999
## 26675	2	0.9999999
## 26676	2	0.9999999
## 26677	2	0.9999999
## 26678	2	0.9999999
## 26679	1	0.9999998
## 26680	4	0.9999999
## 26681	3	0.9999999
## 26682	4	0.9999998
## 26683	2	0.9999999
## 26684	4	0.9999999
## 26685	4	0.9999999
## 26686	3	0.9999999
## 26687	3	0.9999998
## 26688	2	0.9999999
## 26689	3	0.9999999
## 26690	2	0.9999999
## 26691	2	0.9999999
## 26692	1	0.9999999
## 26693	2	0.9999999
## 26694	2	0.9999999
## 26695	2	0.9999999
## 26696	2	0.9999999
## 26697	4	0.9999999
## 26698	3	0.9999999
## 26699	3	0.9999999
## 26700	4	0.9999999
## 26701	4	0.9999999
## 26702	1	0.9999999
## 26703	0	0.9999999
## 26704	2	0.9999999
## 26705	3	0.9999999

## 26706	2	0.9999999
## 26707	4	0.9999999
## 26708	3	0.9999999
## 26709	4	0.9999999
## 26710	1	0.9999999
## 26711	3	0.9999999
## 26712	4	0.9999999
## 26713	0	0.9999999
## 26714	4	0.9999999
## 26715	2	0.9999999
## 26716	3	0.9999999
## 26717	4	0.9999999
## 26718	2	0.9999999
## 26719	4	0.9999999
## 26720	3	0.9999998
## 26721	2	0.9999999
## 26722	2	0.9999999
## 26723	2	0.9999999
## 26724	3	0.9999999
## 26725	2	0.9999999
## 26726	2	0.9999998
## 26727	4	0.9999999
## 26728	1	0.9999999
## 26729	4	0.9999999
## 26730	3	0.9999999
## 26731	3	0.9999999
## 26732	3	0.9999999
## 26733	4	0.9999999
## 26734	1	0.9999999
## 26735	1	0.9999999
## 26736	3	0.9999999
## 26737	2	0.9999999
## 26738	2	0.9999999
## 26739	0	0.9999999
## 26740	2	0.9999999
## 26741	2	0.9999999
## 26742	3	0.9999998
## 26743	1	0.9999999
## 26744	1	0.9999999
## 26745	4	0.9999999
## 26746	0	0.9999999
## 26747	4	0.9999999
## 26748	2	0.9999999
## 26749	3	0.9999999
## 26750	0	0.9999999
## 26751	2	0.9999999
## 26752	1	0.9999999
## 26753	2	0.9999999
## 26754	1	0.9999999
## 26755	3	0.9999999
## 26756	3	0.9999999
## 26757	2	0.9999999
## 26758	4	0.9999999
## 26759	0	0.9999998

## 26760	3	0.9999999
## 26761	3	0.9999999
## 26762	2	0.9999999
## 26763	3	0.9999999
## 26764	3	0.9999999
## 26765	2	0.9999999
## 26766	3	0.9999999
## 26767	2	0.9999999
## 26768	3	0.9999999
## 26769	4	0.9999999
## 26770	3	0.9999999
## 26771	2	0.9999999
## 26772	2	0.9999999
## 26773	3	0.9999999
## 26774	4	0.9999999
## 26775	4	0.9999999
## 26776	2	0.9999999
## 26777	4	0.9999998
## 26778	1	0.9999999
## 26779	4	0.9999999
## 26780	2	0.9999999
## 26781	4	0.9999999
## 26782	2	0.9999998
## 26783	4	0.9999999
## 26784	2	0.9999999
## 26785	1	0.9999999
## 26786	3	0.9999999
## 26787	3	0.9999999
## 26788	4	0.9999999
## 26789	3	0.9999999
## 26790	4	0.9999999
## 26791	3	0.9999999
## 26792	0	0.9999999
## 26793	0	0.9999999
## 26794	2	0.9999999
## 26795	3	0.9999999
## 26796	2	0.9999999
## 26797	2	0.9999999
## 26798	4	0.9999999
## 26799	2	0.9999999
## 26800	3	0.9999999
## 26801	4	0.9999999
## 26802	3	0.9999999
## 26803	4	0.9999999
## 26804	0	0.9999999
## 26805	2	0.9999999
## 26806	4	0.9999999
## 26807	3	0.9999999
## 26808	0	0.9999999
## 26809	3	0.9999999
## 26810	4	0.9999998
## 26811	1	0.9999999
## 26812	3	0.9999999
## 26813	2	0.9999999

## 26814	2	0.9999999
## 26815	3	0.9999999
## 26816	3	0.9999999
## 26817	2	0.9999999
## 26818	1	0.9999999
## 26819	4	0.9999999
## 26820	2	0.9999999
## 26821	2	0.9999999
## 26822	4	0.9999999
## 26823	4	0.9999999
## 26824	3	0.9999999
## 26825	2	0.9999999
## 26826	1	0.9999999
## 26827	2	0.9999999
## 26828	2	0.9999999
## 26829	3	0.9999999
## 26830	3	0.9999999
## 26831	4	0.9999999
## 26832	2	0.9999999
## 26833	2	0.9999999
## 26834	2	0.9999999
## 26835	2	0.9999999
## 26836	1	0.9999999
## 26837	4	0.9999999
## 26838	0	0.9999999
## 26839	2	0.9999999
## 26840	4	0.9999999
## 26841	3	0.9999999
## 26842	0	0.9999999
## 26843	4	0.9999999
## 26844	3	0.9999999
## 26845	4	0.9999999
## 26846	2	0.9999999
## 26847	2	0.9999999
## 26848	4	0.9999999
## 26849	3	0.9999999
## 26850	4	0.9999999
## 26851	3	0.9999999
## 26852	4	0.9999999
## 26853	4	0.9999999
## 26854	3	0.9999999
## 26855	2	0.9999999
## 26856	2	0.9999999
## 26857	2	0.9999999
## 26858	4	0.9999999
## 26859	2	0.9999999
## 26860	2	0.9999999
## 26861	1	0.9999999
## 26862	3	0.9999999
## 26863	1	0.9999999
## 26864	3	0.9999998
## 26865	4	0.9999999
## 26866	3	0.9999999
## 26867	3	0.9999999

## 26868	2	0.9999999
## 26869	3	0.9999999
## 26870	4	0.9999999
## 26871	4	0.9999999
## 26872	3	0.9999999
## 26873	3	0.9999999
## 26874	4	0.9999999
## 26875	2	0.9999999
## 26876	1	0.9999999
## 26877	4	0.9999999
## 26878	3	0.9999999
## 26879	3	0.9999999
## 26880	3	0.9999999
## 26881	2	0.9999999
## 26882	4	0.9999999
## 26883	1	0.9999999
## 26884	1	0.9999999
## 26885	1	0.9999998
## 26886	1	0.9999999
## 26887	2	0.9999999
## 26888	2	0.9999999
## 26889	2	0.9999999
## 26890	1	0.9999999
## 26891	1	0.9999999
## 26892	0	0.9999999
## 26893	2	0.9999999
## 26894	2	0.9999999
## 26895	4	0.9999999
## 26896	4	0.9999999
## 26897	2	0.9999999
## 26898	1	0.9999999
## 26899	4	0.9999999
## 26900	4	0.9999999
## 26901	4	0.9999999
## 26902	2	0.9999999
## 26903	2	0.9999999
## 26904	3	0.9999999
## 26905	2	0.9999999
## 26906	4	0.9999999
## 26907	2	0.9999999
## 26908	1	0.9999999
## 26909	2	0.9999999
## 26910	3	0.9999999
## 26911	1	0.9999999
## 26912	2	0.9999999
## 26913	3	0.9999999
## 26914	4	0.9999999
## 26915	3	0.9999999
## 26916	3	0.9999999
## 26917	2	0.9999999
## 26918	1	0.9999999
## 26919	3	0.9999999
## 26920	2	0.9999999
## 26921	4	0.9999998

## 26922	1	0.9999999
## 26923	3	0.9999999
## 26924	4	0.9999999
## 26925	2	0.9999999
## 26926	4	0.9999999
## 26927	4	0.9999999
## 26928	1	0.9999998
## 26929	2	0.9999999
## 26930	4	0.9999999
## 26931	2	0.9999999
## 26932	4	0.9999999
## 26933	3	0.9999999
## 26934	4	0.9999998
## 26935	4	0.9999998
## 26936	0	0.9999999
## 26937	4	0.9999999
## 26938	3	0.9999999
## 26939	3	0.9999999
## 26940	4	0.9999999
## 26941	2	0.9999999
## 26942	4	0.9999999
## 26943	1	0.9999999
## 26944	4	0.9999999
## 26945	2	0.9999999
## 26946	2	0.9999999
## 26947	2	0.9999999
## 26948	2	0.9999999
## 26949	2	0.9999999
## 26950	2	0.9999999
## 26951	2	0.9999998
## 26952	4	0.9999999
## 26953	1	0.9999999
## 26954	1	0.9999998
## 26955	2	0.9999999
## 26956	4	0.9999999
## 26957	3	0.9999999
## 26958	3	0.9999999
## 26959	2	0.9999999
## 26960	3	0.9999999
## 26961	2	0.9999999
## 26962	4	0.9999999
## 26963	3	0.9999999
## 26964	2	0.9999999
## 26965	4	0.9999999
## 26966	4	0.9999999
## 26967	1	0.9999999
## 26968	2	0.9999999
## 26969	4	0.9999999
## 26970	3	0.9999998
## 26971	2	0.9999999
## 26972	3	0.9999999
## 26973	3	0.9999999
## 26974	4	0.9999999
## 26975	3	0.9999999

## 26976	2	0.9999999
## 26977	2	0.9999999
## 26978	4	0.9999999
## 26979	2	0.9999999
## 26980	4	0.9999999
## 26981	3	0.9999999
## 26982	2	0.9999999
## 26983	4	0.9999999
## 26984	2	0.9999999
## 26985	4	0.9999999
## 26986	3	0.9999999
## 26987	4	0.9999999
## 26988	2	0.9999999
## 26989	2	0.9999999
## 26990	2	0.9999999
## 26991	1	0.9999999
## 26992	2	0.9999999
## 26993	2	0.9999999
## 26994	3	0.9999999
## 26995	0	0.9999999
## 26996	2	0.9999999
## 26997	1	0.9999999
## 26998	4	0.9999999
## 26999	3	0.9999999
## 27000	2	0.9999999
## 27001	4	0.9999999
## 27002	2	0.9999999
## 27003	2	0.9999999
## 27004	4	0.9999998
## 27005	4	0.9999999
## 27006	2	0.9999999
## 27007	2	0.9999999
## 27008	4	0.9999999
## 27009	2	0.9999999
## 27010	2	0.9999999
## 27011	4	0.9999999
## 27012	2	0.9999999
## 27013	3	0.9999999
## 27014	2	0.9999999
## 27015	1	0.9999999
## 27016	4	0.9999999
## 27017	3	0.9999999
## 27018	2	0.9999999
## 27019	1	0.9999999
## 27020	3	0.9999999
## 27021	2	0.9999999
## 27022	2	0.9999999
## 27023	2	0.9999999
## 27024	3	0.9999999
## 27025	4	0.9999999
## 27026	1	0.9999999
## 27027	2	0.9999999
## 27028	2	0.9999999
## 27029	2	0.9999999

## 27030	2	0.9999999
## 27031	4	0.9999999
## 27032	0	0.9999999
## 27033	2	0.9999999
## 27034	3	0.9999999
## 27035	4	0.9999999
## 27036	1	0.9999999
## 27037	4	0.9999999
## 27038	4	0.9999999
## 27039	1	0.9999999
## 27040	0	0.9999999
## 27041	3	0.9999999
## 27042	3	0.9999999
## 27043	2	0.9999999
## 27044	3	0.9999999
## 27045	2	0.9999999
## 27046	2	0.9999999
## 27047	3	0.9999999
## 27048	4	0.9999999
## 27049	3	0.9999999
## 27050	2	0.9999999
## 27051	2	0.9999999
## 27052	2	0.9999999
## 27053	2	0.9999999
## 27054	2	0.9999999
## 27055	4	0.9999999
## 27056	2	0.9999999
## 27057	2	0.9999998
## 27058	2	0.9999999
## 27059	2	0.9999999
## 27060	0	0.9999999
## 27061	2	0.9999999
## 27062	2	0.9999999
## 27063	2	0.9999999
## 27064	2	0.9999999
## 27065	2	0.9999999
## 27066	2	0.9999999
## 27067	3	0.9999999
## 27068	2	0.9999999
## 27069	3	0.9999999
## 27070	2	0.9999999
## 27071	3	0.9999999
## 27072	2	0.9999999
## 27073	3	0.9999999
## 27074	2	0.9999999
## 27075	1	0.9999999
## 27076	1	0.9999999
## 27077	2	0.9999999
## 27078	1	0.9999999
## 27079	3	0.9999999
## 27080	4	0.9999999
## 27081	2	0.9999999
## 27082	2	0.9999999
## 27083	4	0.9999999

## 27084	1	0.9999999
## 27085	0	0.9999999
## 27086	4	0.9999999
## 27087	4	0.9999999
## 27088	1	0.9999999
## 27089	2	0.9999999
## 27090	1	0.9999999
## 27091	4	0.9999999
## 27092	4	0.9999999
## 27093	3	0.9999999
## 27094	4	0.9999999
## 27095	2	0.9999999
## 27096	2	0.9999999
## 27097	2	0.9999999
## 27098	2	0.9999999
## 27099	3	0.9999999
## 27100	4	0.9999999
## 27101	2	0.9999999
## 27102	1	0.9999999
## 27103	3	0.9999999
## 27104	4	0.9999999
## 27105	3	0.9999999
## 27106	3	0.9999999
## 27107	3	0.9999998
## 27108	2	0.9999999
## 27109	3	0.9999999
## 27110	2	0.9999999
## 27111	4	0.9999999
## 27112	2	0.9999999
## 27113	2	0.9999999
## 27114	3	0.9999999
## 27115	3	0.9999999
## 27116	2	0.9999999
## 27117	3	0.9999999
## 27118	2	0.9999999
## 27119	1	0.9999999
## 27120	0	0.9999999
## 27121	4	0.9999999
## 27122	3	0.9999999
## 27123	3	0.9999999
## 27124	2	0.9999999
## 27125	4	0.9999999
## 27126	2	0.9999999
## 27127	2	0.9999999
## 27128	2	0.9999999
## 27129	2	0.9999999
## 27130	1	0.9999999
## 27131	1	0.9999999
## 27132	2	0.9999999
## 27133	3	0.9999999
## 27134	2	0.9999998
## 27135	3	0.9999999
## 27136	4	0.9999999
## 27137	4	0.9999999

## 27138	3	0.9999999
## 27139	2	0.9999999
## 27140	2	0.9999998
## 27141	2	0.9999999
## 27142	0	0.9999999
## 27143	2	0.9999999
## 27144	2	0.9999999
## 27145	3	0.9999999
## 27146	1	0.9999998
## 27147	2	0.9999999
## 27148	3	0.9999999
## 27149	2	0.9999999
## 27150	3	0.9999999
## 27151	2	0.9999999
## 27152	4	0.9999998
## 27153	4	0.9999999
## 27154	2	0.9999999
## 27155	2	0.9999999
## 27156	2	0.9999999
## 27157	2	0.9999999
## 27158	3	0.9999999
## 27159	3	0.9999999
## 27160	3	0.9999999
## 27161	2	0.9999999
## 27162	4	0.9999999
## 27163	2	0.9999999
## 27164	2	0.9999999
## 27165	3	0.9999999
## 27166	4	0.9999999
## 27167	2	0.9999999
## 27168	4	0.9999999
## 27169	2	0.9999999
## 27170	4	0.9999999
## 27171	2	0.9999998
## 27172	2	0.9999999
## 27173	2	0.9999999
## 27174	3	0.9999999
## 27175	0	0.9999998
## 27176	1	0.9999999
## 27177	3	0.9999999
## 27178	4	0.9999999
## 27179	3	0.9999999
## 27180	4	0.9999999
## 27181	2	0.9999999
## 27182	4	0.9999999
## 27183	1	0.9999999
## 27184	2	0.9999999
## 27185	4	0.9999999
## 27186	2	0.9999999
## 27187	3	0.9999999
## 27188	4	0.9999999
## 27189	4	0.9999999
## 27190	4	0.9999999
## 27191	4	0.9999999

## 27192	2	0.9999999
## 27193	4	0.9999999
## 27194	3	0.9999999
## 27195	3	0.9999999
## 27196	2	0.9999999
## 27197	4	0.9999999
## 27198	0	0.9999999
## 27199	4	0.9999999
## 27200	0	0.9999999
## 27201	3	0.9999999
## 27202	3	0.9999999
## 27203	2	0.9999999
## 27204	4	0.9999999
## 27205	1	0.9999999
## 27206	2	0.9999999
## 27207	3	0.9999999
## 27208	1	0.9999999
## 27209	3	0.9999999
## 27210	2	0.9999999
## 27211	2	0.9999999
## 27212	2	0.9999999
## 27213	4	0.9999999
## 27214	3	0.9999999
## 27215	3	0.9999999
## 27216	4	0.9999999
## 27217	2	0.9999999
## 27218	3	0.9999999
## 27219	3	0.9999998
## 27220	2	0.9999999
## 27221	4	0.9999999
## 27222	1	0.9999999
## 27223	2	0.9999999
## 27224	4	0.9999999
## 27225	2	0.9999999
## 27226	3	0.9999999
## 27227	2	0.9999999
## 27228	2	0.9999999
## 27229	3	0.9999999
## 27230	1	0.9999999
## 27231	2	0.9999999
## 27232	3	0.9999999
## 27233	2	0.9999999
## 27234	2	0.9999999
## 27235	2	0.9999999
## 27236	2	0.9999999
## 27237	2	0.9999999
## 27238	3	0.9999999
## 27239	1	0.9999999
## 27240	0	0.9999999
## 27241	1	0.9999999
## 27242	2	0.9999999
## 27243	1	0.9999999
## 27244	3	0.9999999
## 27245	2	0.9999999

## 27246	2	0.9999999
## 27247	2	0.9999998
## 27248	2	0.9999999
## 27249	4	0.9999998
## 27250	1	0.9999999
## 27251	2	0.9999999
## 27252	1	0.9999999
## 27253	4	0.9999999
## 27254	2	0.9999999
## 27255	4	0.9999999
## 27256	3	0.9999999
## 27257	2	0.9999999
## 27258	2	0.9999999
## 27259	2	0.9999999
## 27260	3	0.9999999
## 27261	1	0.9999999
## 27262	0	0.9999999
## 27263	1	0.9999999
## 27264	2	0.9999999
## 27265	3	0.9999999
## 27266	4	0.9999999
## 27267	0	0.9999999
## 27268	2	0.9999999
## 27269	3	0.9999999
## 27270	4	0.9999999
## 27271	3	0.9999999
## 27272	2	0.9999999
## 27273	3	0.9999999
## 27274	4	0.9999999
## 27275	2	0.9999998
## 27276	4	0.9999999
## 27277	3	0.9999999
## 27278	1	0.9999999
## 27279	2	0.9999999
## 27280	2	0.9999999
## 27281	1	0.9999999
## 27282	0	0.9999999
## 27283	4	0.9999998
## 27284	0	0.9999999
## 27285	4	0.9999999
## 27286	2	0.9999999
## 27287	2	0.9999999
## 27288	2	0.9999999
## 27289	2	0.9999999
## 27290	2	0.9999999
## 27291	3	0.9999999
## 27292	2	0.9999998
## 27293	2	0.9999999
## 27294	2	0.9999999
## 27295	4	0.9999999
## 27296	2	0.9999999
## 27297	4	0.9999999
## 27298	2	0.9999999
## 27299	2	0.9999999

## 27300	3	0.9999999
## 27301	3	0.9999999
## 27302	2	0.9999999
## 27303	1	0.9999999
## 27304	3	0.9999999
## 27305	2	0.9999999
## 27306	2	0.9999999
## 27307	2	0.9999999
## 27308	2	0.9999999
## 27309	4	0.9999999
## 27310	2	0.9999999
## 27311	2	0.9999999
## 27312	4	0.9999999
## 27313	3	0.9999999
## 27314	4	0.9999999
## 27315	2	0.9999999
## 27316	2	0.9999999
## 27317	2	0.9999999
## 27318	2	0.9999999
## 27319	2	0.9999999
## 27320	2	0.9999999
## 27321	2	0.9999999
## 27322	2	0.9999999
## 27323	3	0.9999999
## 27324	1	0.9999999
## 27325	4	0.9999999
## 27326	2	0.9999999
## 27327	4	0.9999999
## 27328	4	0.9999998
## 27329	2	0.9999999
## 27330	4	0.9999999
## 27331	4	0.9999999
## 27332	1	0.9999999
## 27333	3	0.9999999
## 27334	3	0.9999999
## 27335	4	0.9999999
## 27336	3	0.9999999
## 27337	2	0.9999999
## 27338	2	0.9999999
## 27339	2	0.9999999
## 27340	4	0.9999999
## 27341	3	0.9999999
## 27342	2	0.9999999
## 27343	3	0.9999999
## 27344	3	0.9999999
## 27345	1	0.9999999
## 27346	0	0.9999999
## 27347	3	0.9999999
## 27348	2	0.9999999
## 27349	2	0.9999999
## 27350	4	0.9999999
## 27351	0	0.9999998
## 27352	4	0.9999999
## 27353	4	0.9999999

## 27354	2	0.9999999
## 27355	3	0.9999999
## 27356	3	0.9999999
## 27357	4	0.9999999
## 27358	3	0.9999999
## 27359	3	0.9999999
## 27360	2	0.9999999
## 27361	4	0.9999999
## 27362	2	0.9999999
## 27363	3	0.9999999
## 27364	3	0.9999999
## 27365	1	0.9999999
## 27366	2	0.9999999
## 27367	4	0.9999999
## 27368	2	0.9999999
## 27369	3	0.9999999
## 27370	4	0.9999999
## 27371	2	0.9999999
## 27372	2	0.9999999
## 27373	4	0.9999999
## 27374	2	0.9999999
## 27375	4	0.9999999
## 27376	1	0.9999999
## 27377	4	0.9999999
## 27378	4	0.9999998
## 27379	2	0.9999998
## 27380	2	0.9999999
## 27381	2	0.9999999
## 27382	2	0.9999999
## 27383	3	0.9999999
## 27384	2	0.9999999
## 27385	4	0.9999999
## 27386	1	0.9999999
## 27387	4	0.9999999
## 27388	4	0.9999999
## 27389	4	0.9999999
## 27390	1	0.9999999
## 27391	4	0.9999999
## 27392	3	0.9999999
## 27393	2	0.9999998
## 27394	3	0.9999999
## 27395	4	0.9999999
## 27396	2	0.9999999
## 27397	2	0.9999998
## 27398	2	0.9999999
## 27399	4	0.9999999
## 27400	3	0.9999999
## 27401	2	0.9999999
## 27402	4	0.9999999
## 27403	2	0.9999999
## 27404	3	0.9999999
## 27405	4	0.9999999
## 27406	2	0.9999999
## 27407	3	0.9999999

## 27408	2	0.9999999
## 27409	2	0.9999999
## 27410	4	0.9999999
## 27411	2	0.9999999
## 27412	4	0.9999999
## 27413	1	0.9999999
## 27414	4	0.9999999
## 27415	4	0.9999999
## 27416	2	0.9999999
## 27417	2	0.9999999
## 27418	3	0.9999999
## 27419	2	0.9999999
## 27420	2	0.9999999
## 27421	2	0.9999999
## 27422	2	0.9999999
## 27423	3	0.9999999
## 27424	4	0.9999999
## 27425	3	0.9999999
## 27426	2	0.9999999
## 27427	3	0.9999999
## 27428	3	0.9999999
## 27429	3	0.9999999
## 27430	2	0.9999999
## 27431	3	0.9999999
## 27432	2	0.9999999
## 27433	4	0.9999999
## 27434	4	0.9999999
## 27435	3	0.9999999
## 27436	3	0.9999999
## 27437	2	0.9999999
## 27438	4	0.9999999
## 27439	2	0.9999999
## 27440	4	0.9999998
## 27441	1	0.9999999
## 27442	4	0.9999999
## 27443	4	0.9999999
## 27444	3	0.9999999
## 27445	4	0.9999999
## 27446	2	0.9999999
## 27447	2	0.9999999
## 27448	1	0.9999999
## 27449	2	0.9999999
## 27450	3	0.9999999
## 27451	2	0.9999998
## 27452	4	0.9999999
## 27453	3	0.9999999
## 27454	4	0.9999999
## 27455	3	0.9999999
## 27456	1	0.9999999
## 27457	1	0.9999999
## 27458	1	0.9999999
## 27459	3	0.9999999
## 27460	3	0.9999999
## 27461	4	0.9999999

## 27462	2	0.9999999
## 27463	1	0.9999999
## 27464	2	0.9999999
## 27465	3	0.9999999
## 27466	4	0.9999999
## 27467	4	0.9999999
## 27468	2	0.9999999
## 27469	2	0.9999999
## 27470	3	0.9999999
## 27471	4	0.9999999
## 27472	2	0.9999999
## 27473	2	0.9999999
## 27474	4	0.9999999
## 27475	3	0.9999999
## 27476	2	0.9999999
## 27477	3	0.9999999
## 27478	1	0.9999999
## 27479	4	0.9999998
## 27480	3	0.9999999
## 27481	4	0.9999999
## 27482	2	0.9999999
## 27483	4	0.9999999
## 27484	2	0.9999999
## 27485	2	0.9999999
## 27486	2	0.9999999
## 27487	2	0.9999999
## 27488	4	0.9999999
## 27489	2	0.9999999
## 27490	2	0.9999999
## 27491	4	0.9999998
## 27492	4	0.9999999
## 27493	2	0.9999999
## 27494	3	0.9999999
## 27495	2	0.9999999
## 27496	3	0.9999999
## 27497	0	0.9999999
## 27498	4	0.9999999
## 27499	4	0.9999998
## 27500	2	0.9999999
## 27501	2	0.9999999
## 27502	3	0.9999999
## 27503	2	0.9999999
## 27504	1	0.9999999
## 27505	2	0.9999999
## 27506	4	0.9999999
## 27507	3	0.9999998
## 27508	3	0.9999999
## 27509	4	0.9999999
## 27510	2	0.9999999
## 27511	2	0.9999999
## 27512	2	0.9999999
## 27513	3	0.9999999
## 27514	2	0.9999999
## 27515	2	0.9999999

## 27516	2	0.9999999
## 27517	2	0.9999999
## 27518	2	0.9999999
## 27519	4	0.9999999
## 27520	3	0.9999999
## 27521	4	0.9999999
## 27522	2	0.9999999
## 27523	3	0.9999999
## 27524	4	0.9999999
## 27525	2	0.9999999
## 27526	2	0.9999999
## 27527	2	0.9999999
## 27528	4	0.9999999
## 27529	4	0.9999999
## 27530	3	0.9999999
## 27531	3	0.9999998
## 27532	2	0.9999999
## 27533	3	0.9999999
## 27534	1	0.9999999
## 27535	3	0.9999999
## 27536	2	0.9999999
## 27537	2	0.9999999
## 27538	0	0.9999998
## 27539	3	0.9999999
## 27540	0	0.9999999
## 27541	2	0.9999999
## 27542	2	0.9999999
## 27543	2	0.9999999
## 27544	1	0.9999999
## 27545	4	0.9999999
## 27546	3	0.9999999
## 27547	4	0.9999999
## 27548	4	0.9999999
## 27549	2	0.9999999
## 27550	3	0.9999999
## 27551	3	0.9999999
## 27552	3	0.9999999
## 27553	2	0.9999999
## 27554	3	0.9999999
## 27555	2	0.9999999
## 27556	2	0.9999999
## 27557	4	0.9999999
## 27558	2	0.9999999
## 27559	2	0.9999999
## 27560	4	0.9999999
## 27561	4	0.9999999
## 27562	3	0.9999999
## 27563	4	0.9999999
## 27564	3	0.9999999
## 27565	2	0.9999999
## 27566	3	0.9999999
## 27567	2	0.9999999
## 27568	0	0.9999999
## 27569	3	0.9999999

## 27570	1	0.9999999
## 27571	3	0.9999999
## 27572	2	0.9999999
## 27573	3	0.9999999
## 27574	4	0.9999999
## 27575	2	0.9999999
## 27576	2	0.9999999
## 27577	1	0.9999999
## 27578	2	0.9999999
## 27579	4	0.9999999
## 27580	3	0.9999999
## 27581	3	0.9999998
## 27582	2	0.9999999
## 27583	4	0.9999999
## 27584	2	0.9999999
## 27585	2	0.9999999
## 27586	1	0.9999999
## 27587	4	0.9999998
## 27588	2	0.9999999
## 27589	4	0.9999999
## 27590	4	0.9999999
## 27591	2	0.9999999
## 27592	2	0.9999999
## 27593	4	0.9999999
## 27594	2	0.9999999
## 27595	1	0.9999999
## 27596	1	0.9999999
## 27597	2	0.9999999
## 27598	4	0.9999999
## 27599	1	0.9999999
## 27600	2	0.9999999
## 27601	3	0.9999999
## 27602	0	0.9999999
## 27603	2	0.9999999
## 27604	3	0.9999999
## 27605	4	0.9999999
## 27606	2	0.9999999
## 27607	1	0.9999999
## 27608	2	0.9999999
## 27609	2	0.9999999
## 27610	2	0.9999999
## 27611	1	0.9999999
## 27612	3	0.9999999
## 27613	2	0.9999999
## 27614	2	0.9999999
## 27615	4	0.9999999
## 27616	2	0.9999999
## 27617	2	0.9999998
## 27618	4	0.9999999
## 27619	3	0.9999999
## 27620	2	0.9999999
## 27621	2	0.9999999
## 27622	4	0.9999999
## 27623	2	0.9999999

## 27624	2	0.9999999
## 27625	2	0.9999999
## 27626	3	0.9999999
## 27627	4	0.9999999
## 27628	0	0.9999999
## 27629	2	0.9999999
## 27630	3	0.9999999
## 27631	2	0.9999999
## 27632	2	0.9999999
## 27633	3	0.9999999
## 27634	4	0.9999999
## 27635	2	0.9999999
## 27636	2	0.9999999
## 27637	2	0.9999999
## 27638	3	0.9999999
## 27639	3	0.9999998
## 27640	1	0.9999999
## 27641	4	0.9999999
## 27642	2	0.9999999
## 27643	2	0.9999999
## 27644	2	0.9999999
## 27645	2	0.9999999
## 27646	4	0.9999999
## 27647	2	0.9999999
## 27648	2	0.9999999
## 27649	3	0.9999999
## 27650	2	0.9999999
## 27651	3	0.9999999
## 27652	4	0.9999999
## 27653	2	0.9999999
## 27654	2	0.9999999
## 27655	2	0.9999999
## 27656	2	0.9999999
## 27657	2	0.9999999
## 27658	3	0.9999998
## 27659	2	0.9999999
## 27660	0	0.9999999
## 27661	1	0.9999998
## 27662	4	0.9999999
## 27663	2	0.9999999
## 27664	3	0.9999999
## 27665	3	0.9999999
## 27666	4	0.9999999
## 27667	4	0.9999999
## 27668	3	0.9999999
## 27669	4	0.9999999
## 27670	2	0.9999999
## 27671	2	0.9999999
## 27672	2	0.9999999
## 27673	2	0.9999998
## 27674	3	0.9999999
## 27675	4	0.9999999
## 27676	2	0.9999998
## 27677	4	0.9999999

## 27678	2	0.9999999
## 27679	1	0.9999999
## 27680	2	0.9999999
## 27681	1	0.9999999
## 27682	2	0.9999999
## 27683	3	0.9999999
## 27684	4	0.9999999
## 27685	4	0.9999999
## 27686	1	0.9999999
## 27687	2	0.9999999
## 27688	3	0.9999999
## 27689	1	0.9999999
## 27690	2	0.9999999
## 27691	2	0.9999999
## 27692	3	0.9999999
## 27693	3	0.9999999
## 27694	2	0.9999999
## 27695	4	0.9999999
## 27696	1	0.9999999
## 27697	0	0.9999999
## 27698	1	0.9999999
## 27699	2	0.9999999
## 27700	4	0.9999999
## 27701	2	0.9999999
## 27702	2	0.9999999
## 27703	3	0.9999999
## 27704	2	0.9999999
## 27705	2	0.9999999
## 27706	3	0.9999999
## 27707	3	0.9999999
## 27708	3	0.9999999
## 27709	4	0.9999999
## 27710	3	0.9999999
## 27711	3	0.9999999
## 27712	2	0.9999999
## 27713	2	0.9999999
## 27714	4	0.9999999
## 27715	1	0.9999999
## 27716	2	0.9999999
## 27717	3	0.9999999
## 27718	3	0.9999999
## 27719	4	0.9999999
## 27720	2	0.9999999
## 27721	3	0.9999999
## 27722	4	0.9999999
## 27723	2	0.9999999
## 27724	2	0.9999999
## 27725	4	0.9999999
## 27726	2	0.9999999
## 27727	2	0.9999999
## 27728	3	0.9999999
## 27729	2	0.9999999
## 27730	3	0.9999999
## 27731	3	0.9999999

## 27732	4	0.9999999
## 27733	3	0.9999999
## 27734	2	0.9999999
## 27735	2	0.9999999
## 27736	3	0.9999999
## 27737	3	0.9999999
## 27738	2	0.9999999
## 27739	0	0.9999999
## 27740	2	0.9999999
## 27741	2	0.9999999
## 27742	2	0.9999999
## 27743	4	0.9999999
## 27744	1	0.9999999
## 27745	2	0.9999999
## 27746	3	0.9999999
## 27747	3	0.9999999
## 27748	4	0.9999999
## 27749	3	0.9999999
## 27750	2	0.9999999
## 27751	4	0.9999999
## 27752	2	0.9999999
## 27753	4	0.9999999
## 27754	4	0.9999998
## 27755	4	0.9999999
## 27756	2	0.9999999
## 27757	2	0.9999999
## 27758	2	0.9999999
## 27759	2	0.9999999
## 27760	3	0.9999999
## 27761	2	0.9999999
## 27762	2	0.9999999
## 27763	2	0.9999999
## 27764	2	0.9999999
## 27765	2	0.9999998
## 27766	2	0.9999999
## 27767	4	0.9999999
## 27768	1	0.9999999
## 27769	2	0.9999998
## 27770	4	0.9999999
## 27771	2	0.9999999
## 27772	2	0.9999999
## 27773	2	0.9999999
## 27774	2	0.9999999
## 27775	2	0.9999999
## 27776	3	0.9999999
## 27777	3	0.9999999
## 27778	3	0.9999999
## 27779	3	0.9999999
## 27780	3	0.9999999
## 27781	2	0.9999999
## 27782	2	0.9999999
## 27783	4	0.9999999
## 27784	1	0.9999999
## 27785	3	0.9999999

## 27786	2	0.9999999
## 27787	3	0.9999999
## 27788	2	0.9999999
## 27789	4	0.9999999
## 27790	4	0.9999999
## 27791	2	0.9999999
## 27792	1	0.9999999
## 27793	2	0.9999999
## 27794	2	0.9999999
## 27795	4	0.9999999
## 27796	2	0.9999999
## 27797	3	0.9999999
## 27798	2	0.9999999
## 27799	2	0.9999999
## 27800	3	0.9999999
## 27801	3	0.9999999
## 27802	3	0.9999999
## 27803	2	0.9999999
## 27804	2	0.9999999
## 27805	2	0.9999999
## 27806	3	0.9999999
## 27807	4	0.9999999
## 27808	4	0.9999999
## 27809	2	0.9999999
## 27810	2	0.9999999
## 27811	3	0.9999999
## 27812	2	0.9999999
## 27813	2	0.9999999
## 27814	3	0.9999999
## 27815	4	0.9999999
## 27816	3	0.9999999
## 27817	3	0.9999999
## 27818	4	0.9999999
## 27819	2	0.9999999
## 27820	2	0.9999999
## 27821	2	0.9999999
## 27822	3	0.9999999
## 27823	3	0.9999999
## 27824	4	0.9999999
## 27825	3	0.9999999
## 27826	2	0.9999999
## 27827	3	0.9999999
## 27828	4	0.9999999
## 27829	3	0.9999999
## 27830	3	0.9999999
## 27831	2	0.9999999
## 27832	1	0.9999998
## 27833	1	0.9999999
## 27834	3	0.9999999
## 27835	2	0.9999999
## 27836	3	0.9999999
## 27837	1	0.9999999
## 27838	2	0.9999999
## 27839	3	0.9999999

## 27840	3	0.9999999
## 27841	3	0.9999999
## 27842	4	0.9999999
## 27843	4	0.9999999
## 27844	2	0.9999998
## 27845	2	0.9999998
## 27846	2	0.9999999
## 27847	2	0.9999999
## 27848	3	0.9999999
## 27849	0	0.9999999
## 27850	3	0.9999999
## 27851	4	0.9999999
## 27852	3	0.9999999
## 27853	2	0.9999999
## 27854	3	0.9999999
## 27855	1	0.9999998
## 27856	2	0.9999999
## 27857	3	0.9999999
## 27858	3	0.9999999
## 27859	3	0.9999999
## 27860	2	0.9999999
## 27861	3	0.9999998
## 27862	4	0.9999999
## 27863	2	0.9999999
## 27864	2	0.9999998
## 27865	3	0.9999999
## 27866	4	0.9999999
## 27867	2	0.9999999
## 27868	3	0.9999999
## 27869	1	0.9999999
## 27870	4	0.9999999
## 27871	2	0.9999999
## 27872	3	0.9999999
## 27873	4	0.9999999
## 27874	3	0.9999999
## 27875	2	0.9999999
## 27876	2	0.9999999
## 27877	3	0.9999999
## 27878	4	0.9999999
## 27879	3	0.9999999
## 27880	2	0.9999999
## 27881	2	0.9999999
## 27882	3	0.9999999
## 27883	4	0.9999999
## 27884	3	0.9999999
## 27885	2	0.9999999
## 27886	0	0.9999998
## 27887	3	0.9999999
## 27888	2	0.9999999
## 27889	1	0.9999999
## 27890	2	0.9999999
## 27891	3	0.9999999
## 27892	4	0.9999999
## 27893	2	0.9999999

## 27894	2	0.9999999
## 27895	2	0.9999999
## 27896	2	0.9999999
## 27897	2	0.9999999
## 27898	2	0.9999999
## 27899	4	0.9999999
## 27900	2	0.9999999
## 27901	3	0.9999999
## 27902	2	0.9999999
## 27903	1	0.9999999
## 27904	3	0.9999999
## 27905	2	0.9999999
## 27906	0	0.9999999
## 27907	3	0.9999999
## 27908	3	0.9999999
## 27909	2	0.9999999
## 27910	2	0.9999999
## 27911	2	0.9999999
## 27912	2	0.9999999
## 27913	4	0.9999999
## 27914	1	0.9999999
## 27915	3	0.9999999
## 27916	2	0.9999999
## 27917	2	0.9999998
## 27918	4	0.9999999
## 27919	2	0.9999999
## 27920	2	0.9999999
## 27921	1	0.9999999
## 27922	1	0.9999999
## 27923	4	0.9999999
## 27924	4	0.9999999
## 27925	3	0.9999999
## 27926	4	0.9999999
## 27927	2	0.9999999
## 27928	4	0.9999999
## 27929	4	0.9999999
## 27930	2	0.9999999
## 27931	2	0.9999999
## 27932	4	0.9999999
## 27933	4	0.9999999
## 27934	0	0.9999999
## 27935	2	0.9999999
## 27936	3	0.9999999
## 27937	3	0.9999999
## 27938	3	0.9999999
## 27939	2	0.9999999
## 27940	4	0.9999999
## 27941	4	0.9999999
## 27942	4	0.9999999
## 27943	3	0.9999999
## 27944	2	0.9999999
## 27945	2	0.9999999
## 27946	3	0.9999999
## 27947	2	0.9999999

## 27948	4	0.9999999
## 27949	2	0.9999999
## 27950	2	0.9999999
## 27951	3	0.9999999
## 27952	3	0.9999999
## 27953	2	0.9999999
## 27954	3	0.9999999
## 27955	3	0.9999999
## 27956	4	0.9999999
## 27957	3	0.9999999
## 27958	3	0.9999999
## 27959	2	0.9999999
## 27960	2	0.9999999
## 27961	3	0.9999999
## 27962	2	0.9999999
## 27963	2	0.9999999
## 27964	4	0.9999999
## 27965	3	0.9999999
## 27966	4	0.9999999
## 27967	4	0.9999999
## 27968	2	0.9999998
## 27969	3	0.9999999
## 27970	2	0.9999999
## 27971	4	0.9999999
## 27972	4	0.9999999
## 27973	3	0.9999999
## 27974	3	0.9999999
## 27975	3	0.9999999
## 27976	4	0.9999999
## 27977	2	0.9999999
## 27978	2	0.9999999
## 27979	4	0.9999999
## 27980	4	0.9999999
## 27981	2	0.9999999
## 27982	3	0.9999999
## 27983	2	0.9999999
## 27984	4	0.9999999
## 27985	0	0.9999999
## 27986	2	0.9999999
## 27987	3	0.9999999
## 27988	4	0.9999999
## 27989	3	0.9999999
## 27990	2	0.9999999
## 27991	2	0.9999999
## 27992	2	0.9999999
## 27993	2	0.9999999
## 27994	2	0.9999999
## 27995	2	0.9999999
## 27996	2	0.9999999
## 27997	4	0.9999999
## 27998	4	0.9999999
## 27999	2	0.9999999
## 28000	2	0.9999999
## 28001	2	0.9999999

## 28002	4	0.9999999
## 28003	2	0.9999999
## 28004	2	0.9999999
## 28005	2	0.9999999
## 28006	2	0.9999999
## 28007	4	0.9999999
## 28008	2	0.9999999
## 28009	3	0.9999999
## 28010	3	0.9999999
## 28011	4	0.9999999
## 28012	2	0.9999999
## 28013	3	0.9999999
## 28014	3	0.9999999
## 28015	3	0.9999999
## 28016	2	0.9999999
## 28017	4	0.9999999
## 28018	0	0.9999999
## 28019	3	0.9999999
## 28020	3	0.9999999
## 28021	4	0.9999999
## 28022	3	0.9999999
## 28023	4	0.9999999
## 28024	3	0.9999999
## 28025	4	0.9999999
## 28026	3	0.9999999
## 28027	2	0.9999999
## 28028	2	0.9999999
## 28029	3	0.9999999
## 28030	2	0.9999999
## 28031	2	0.9999999
## 28032	3	0.9999999
## 28033	2	0.9999999
## 28034	1	0.9999999
## 28035	3	0.9999999
## 28036	2	0.9999999
## 28037	4	0.9999999
## 28038	2	0.9999999
## 28039	4	0.9999999
## 28040	2	0.9999999
## 28041	3	0.9999999
## 28042	3	0.9999998
## 28043	3	0.9999999
## 28044	4	0.9999999
## 28045	2	0.9999999
## 28046	2	0.9999999
## 28047	3	0.9999999
## 28048	2	0.9999999
## 28049	2	0.9999999
## 28050	3	0.9999999
## 28051	3	0.9999999
## 28052	2	0.9999999
## 28053	4	0.9999999
## 28054	1	0.9999999
## 28055	2	0.9999999

## 28056	3	0.9999999
## 28057	2	0.9999999
## 28058	3	0.9999999
## 28059	3	0.9999999
## 28060	3	0.9999998
## 28061	2	0.9999999
## 28062	2	0.9999999
## 28063	2	0.9999999
## 28064	4	0.9999999
## 28065	1	0.9999999
## 28066	4	0.9999999
## 28067	2	0.9999999
## 28068	4	0.9999999
## 28069	2	0.9999999
## 28070	4	0.9999999
## 28071	4	0.9999999
## 28072	2	0.9999998
## 28073	3	0.9999999
## 28074	0	0.9999999
## 28075	2	0.9999999
## 28076	2	0.9999999
## 28077	3	0.9999999
## 28078	3	0.9999999
## 28079	2	0.9999999
## 28080	2	0.9999999
## 28081	0	0.9999999
## 28082	2	0.9999999
## 28083	4	0.9999999
## 28084	3	0.9999998
## 28085	2	0.9999999
## 28086	2	0.9999999
## 28087	3	0.9999999
## 28088	0	0.9999999
## 28089	2	0.9999999
## 28090	4	0.9999999
## 28091	4	0.9999999
## 28092	2	0.9999999
## 28093	4	0.9999999
## 28094	2	0.9999999
## 28095	4	0.9999999
## 28096	3	0.9999998
## 28097	1	0.9999999
## 28098	2	0.9999999
## 28099	1	0.9999999
## 28100	3	0.9999999
## 28101	2	0.9999999
## 28102	2	0.9999999
## 28103	0	0.9999999
## 28104	2	0.9999999
## 28105	3	0.9999999
## 28106	2	0.9999999
## 28107	2	0.9999998
## 28108	2	0.9999999
## 28109	3	0.9999999

## 28110	4	0.9999999
## 28111	4	0.9999999
## 28112	3	0.9999999
## 28113	4	0.9999999
## 28114	2	0.9999999
## 28115	4	0.9999999
## 28116	3	0.9999999
## 28117	4	0.9999998
## 28118	2	0.9999999
## 28119	4	0.9999999
## 28120	3	0.9999999
## 28121	4	0.9999999
## 28122	3	0.9999999
## 28123	2	0.9999998
## 28124	2	0.9999998
## 28125	2	0.9999998
## 28126	3	0.9999999
## 28127	1	0.9999999
## 28128	2	0.9999999
## 28129	4	0.9999998
## 28130	2	0.9999999
## 28131	3	0.9999999
## 28132	3	0.9999999
## 28133	2	0.9999999
## 28134	3	0.9999999
## 28135	2	0.9999998
## 28136	3	0.9999999
## 28137	4	0.9999999
## 28138	2	0.9999999
## 28139	2	0.9999999
## 28140	3	0.9999999
## 28141	2	0.9999999
## 28142	1	0.9999999
## 28143	2	0.9999999
## 28144	3	0.9999999
## 28145	3	0.9999999
## 28146	4	0.9999999
## 28147	2	0.9999999
## 28148	3	0.9999998
## 28149	2	0.9999998
## 28150	2	0.9999999
## 28151	3	0.9999999
## 28152	3	0.9999999
## 28153	2	0.9999999
## 28154	4	0.9999999
## 28155	2	0.9999999
## 28156	2	0.9999999
## 28157	4	0.9999999
## 28158	4	0.9999999
## 28159	2	0.9999999
## 28160	4	0.9999999
## 28161	2	0.9999999
## 28162	2	0.9999999
## 28163	4	0.9999999

## 28164	2	0.9999999
## 28165	2	0.9999999
## 28166	3	0.9999999
## 28167	1	0.9999998
## 28168	0	0.9999999
## 28169	3	0.9999999
## 28170	1	0.9999999
## 28171	1	0.9999999
## 28172	4	0.9999999
## 28173	1	0.9999999
## 28174	4	0.9999999
## 28175	3	0.9999999
## 28176	2	0.9999999
## 28177	3	0.9999999
## 28178	2	0.9999999
## 28179	1	0.9999999
## 28180	2	0.9999999
## 28181	3	0.9999999
## 28182	4	0.9999999
## 28183	4	0.9999999
## 28184	3	0.9999999
## 28185	1	0.9999999
## 28186	2	0.9999999
## 28187	4	0.9999999
## 28188	2	0.9999999
## 28189	2	0.9999999
## 28190	2	0.9999999
## 28191	3	0.9999999
## 28192	2	0.9999999
## 28193	0	0.9999999
## 28194	2	0.9999999
## 28195	2	0.9999999
## 28196	3	0.9999999
## 28197	2	0.9999999
## 28198	3	0.9999999
## 28199	2	0.9999999
## 28200	1	0.9999999
## 28201	2	0.9999999
## 28202	2	0.9999999
## 28203	4	0.9999999
## 28204	3	0.9999999
## 28205	2	0.9999999
## 28206	3	0.9999999
## 28207	3	0.9999999
## 28208	2	0.9999999
## 28209	2	0.9999999
## 28210	2	0.9999999
## 28211	4	0.9999999
## 28212	2	0.9999999
## 28213	3	0.9999999
## 28214	3	0.9999999
## 28215	3	0.9999999
## 28216	3	0.9999999
## 28217	2	0.9999999

## 28218	2	0.9999999
## 28219	4	0.9999999
## 28220	4	0.9999999
## 28221	3	0.9999999
## 28222	2	0.9999999
## 28223	3	0.9999999
## 28224	0	0.9999999
## 28225	2	0.9999999
## 28226	3	0.9999999
## 28227	2	0.9999999
## 28228	4	0.9999999
## 28229	3	0.9999999
## 28230	4	0.9999999
## 28231	2	0.9999999
## 28232	3	0.9999999
## 28233	2	0.9999999
## 28234	2	0.9999999
## 28235	2	0.9999999
## 28236	3	0.9999999
## 28237	2	0.9999999
## 28238	3	0.9999999
## 28239	4	0.9999999
## 28240	3	0.9999999
## 28241	1	0.9999999
## 28242	2	0.9999999
## 28243	4	0.9999999
## 28244	2	0.9999999
## 28245	3	0.9999999
## 28246	3	0.9999999
## 28247	2	0.9999999
## 28248	4	0.9999999
## 28249	3	0.9999999
## 28250	4	0.9999999
## 28251	2	0.9999999
## 28252	4	0.9999999
## 28253	2	0.9999999
## 28254	3	0.9999999
## 28255	2	0.9999999
## 28256	2	0.9999999
## 28257	3	0.9999999
## 28258	2	0.9999999
## 28259	3	0.9999999
## 28260	2	0.9999999
## 28261	2	0.9999999
## 28262	4	0.9999998
## 28263	0	0.9999999
## 28264	2	0.9999999
## 28265	2	0.9999999
## 28266	1	0.9999999
## 28267	2	0.9999999
## 28268	2	0.9999999
## 28269	3	0.9999999
## 28270	4	0.9999999
## 28271	4	0.9999999

## 28272	1	0.9999999
## 28273	3	0.9999999
## 28274	0	0.9999998
## 28275	3	0.9999999
## 28276	4	0.9999999
## 28277	3	0.9999999
## 28278	0	0.9999998
## 28279	2	0.9999999
## 28280	2	0.9999999
## 28281	2	0.9999999
## 28282	2	0.9999999
## 28283	3	0.9999999
## 28284	4	0.9999999
## 28285	3	0.9999999
## 28286	3	0.9999999
## 28287	4	0.9999999
## 28288	4	0.9999999
## 28289	4	0.9999999
## 28290	1	0.9999999
## 28291	2	0.9999999
## 28292	1	0.9999999
## 28293	2	0.9999999
## 28294	2	0.9999999
## 28295	4	0.9999998
## 28296	3	0.9999999
## 28297	2	0.9999999
## 28298	2	0.9999999
## 28299	3	0.9999999
## 28300	1	0.9999999
## 28301	2	0.9999999
## 28302	3	0.9999999
## 28303	3	0.9999999
## 28304	3	0.9999999
## 28305	2	0.9999999
## 28306	3	0.9999999
## 28307	3	0.9999999
## 28308	2	0.9999999
## 28309	2	0.9999999
## 28310	3	0.9999999
## 28311	3	0.9999999
## 28312	1	0.9999998
## 28313	2	0.9999999
## 28314	2	0.9999999
## 28315	1	0.9999999
## 28316	3	0.9999999
## 28317	2	0.9999999
## 28318	3	0.9999999
## 28319	3	0.9999999
## 28320	2	0.9999999
## 28321	2	0.9999999
## 28322	3	0.9999999
## 28323	3	0.9999999
## 28324	4	0.9999998
## 28325	3	0.9999999

## 28326	2	0.9999999
## 28327	4	0.9999999
## 28328	2	0.9999999
## 28329	3	0.9999999
## 28330	2	0.9999999
## 28331	2	0.9999999
## 28332	4	0.9999999
## 28333	2	0.9999999
## 28334	3	0.9999999
## 28335	2	0.9999999
## 28336	2	0.9999999
## 28337	3	0.9999999
## 28338	2	0.9999999
## 28339	2	0.9999999
## 28340	4	0.9999999
## 28341	4	0.9999999
## 28342	0	0.9999999
## 28343	3	0.9999999
## 28344	2	0.9999999
## 28345	3	0.9999998
## 28346	3	0.9999999
## 28347	2	0.9999999
## 28348	1	0.9999999
## 28349	1	0.9999999
## 28350	2	0.9999999
## 28351	3	0.9999999
## 28352	2	0.9999999
## 28353	2	0.9999999
## 28354	4	0.9999999
## 28355	2	0.9999999
## 28356	3	0.9999999
## 28357	2	0.9999999
## 28358	3	0.9999999
## 28359	2	0.9999999
## 28360	2	0.9999999
## 28361	3	0.9999999
## 28362	1	0.9999998
## 28363	2	0.9999999
## 28364	2	0.9999999
## 28365	2	0.9999999
## 28366	4	0.9999999
## 28367	4	0.9999999
## 28368	2	0.9999999
## 28369	2	0.9999999
## 28370	4	0.9999999
## 28371	2	0.9999999
## 28372	3	0.9999999
## 28373	2	0.9999999
## 28374	3	0.9999999
## 28375	4	0.9999999
## 28376	3	0.9999999
## 28377	3	0.9999999
## 28378	4	0.9999999
## 28379	2	0.9999999

## 28380	2	0.9999999
## 28381	4	0.9999999
## 28382	2	0.9999999
## 28383	2	0.9999999
## 28384	0	0.9999999
## 28385	4	0.9999999
## 28386	4	0.9999999
## 28387	3	0.9999999
## 28388	2	0.9999998
## 28389	3	0.9999999
## 28390	3	0.9999999
## 28391	2	0.9999999
## 28392	4	0.9999999
## 28393	2	0.9999999
## 28394	3	0.9999999
## 28395	2	0.9999999
## 28396	4	0.9999999
## 28397	2	0.9999999
## 28398	2	0.9999999
## 28399	4	0.9999999
## 28400	2	0.9999999
## 28401	4	0.9999999
## 28402	1	0.9999999
## 28403	4	0.9999999
## 28404	4	0.9999999
## 28405	3	0.9999999
## 28406	2	0.9999999
## 28407	3	0.9999999
## 28408	2	0.9999999
## 28409	3	0.9999999
## 28410	2	0.9999999
## 28411	3	0.9999999
## 28412	2	0.9999998
## 28413	3	0.9999999
## 28414	2	0.9999999
## 28415	3	0.9999999
## 28416	2	0.9999999
## 28417	2	0.9999999
## 28418	3	0.9999999
## 28419	4	0.9999999
## 28420	3	0.9999999
## 28421	3	0.9999999
## 28422	4	0.9999999
## 28423	2	0.9999999
## 28424	2	0.9999999
## 28425	3	0.9999999
## 28426	2	0.9999999
## 28427	1	0.9999999
## 28428	2	0.9999999
## 28429	3	0.9999999
## 28430	3	0.9999999
## 28431	2	0.9999999
## 28432	2	0.9999999
## 28433	3	0.9999999

## 28434	2	0.9999999
## 28435	2	0.9999999
## 28436	3	0.9999999
## 28437	2	0.9999999
## 28438	4	0.9999999
## 28439	1	0.9999999
## 28440	3	0.9999999
## 28441	2	0.9999999
## 28442	2	0.9999999
## 28443	3	0.9999999
## 28444	2	0.9999999
## 28445	2	0.9999999
## 28446	4	0.9999999
## 28447	3	0.9999999
## 28448	3	0.9999999
## 28449	2	0.9999999
## 28450	4	0.9999999
## 28451	4	0.9999999
## 28452	4	0.9999998
## 28453	0	0.9999999
## 28454	3	0.9999999
## 28455	1	0.9999999
## 28456	0	0.9999999
## 28457	3	0.9999999
## 28458	2	0.9999998
## 28459	2	0.9999999
## 28460	3	0.9999999
## 28461	0	0.9999999
## 28462	2	0.9999999
## 28463	3	0.9999999
## 28464	2	0.9999999
## 28465	1	0.9999999
## 28466	3	0.9999999
## 28467	1	0.9999999
## 28468	1	0.9999999
## 28469	4	0.9999999
## 28470	2	0.9999999
## 28471	4	0.9999999
## 28472	3	0.9999999
## 28473	1	0.9999999
## 28474	1	0.9999999
## 28475	2	0.9999999
## 28476	3	0.9999999
## 28477	3	0.9999999
## 28478	4	0.9999999
## 28479	0	0.9999999
## 28480	2	0.9999999
## 28481	1	0.9999999
## 28482	2	0.9999999
## 28483	2	0.9999999
## 28484	2	0.9999999
## 28485	4	0.9999999
## 28486	3	0.9999999
## 28487	2	0.9999999

## 28488	2	0.9999999
## 28489	0	0.9999999
## 28490	3	0.9999999
## 28491	2	0.9999999
## 28492	2	0.9999999
## 28493	3	0.9999999
## 28494	2	0.9999998
## 28495	1	0.9999999
## 28496	2	0.9999999
## 28497	3	0.9999999
## 28498	4	0.9999999
## 28499	2	0.9999998
## 28500	2	0.9999999
## 28501	4	0.9999999
## 28502	2	0.9999999
## 28503	1	0.9999999
## 28504	3	0.9999999
## 28505	2	0.9999999
## 28506	2	0.9999999
## 28507	2	0.9999999
## 28508	2	0.9999999
## 28509	4	0.9999999
## 28510	4	0.9999999
## 28511	2	0.9999999
## 28512	2	0.9999999
## 28513	4	0.9999999
## 28514	3	0.9999999
## 28515	2	0.9999999
## 28516	3	0.9999999
## 28517	3	0.9999999
## 28518	2	0.9999999
## 28519	3	0.9999999
## 28520	3	0.9999999
## 28521	1	0.9999999
## 28522	4	0.9999999
## 28523	3	0.9999999
## 28524	4	0.9999999
## 28525	2	0.9999999
## 28526	3	0.9999999
## 28527	4	0.9999999
## 28528	3	0.9999999
## 28529	1	0.9999999
## 28530	2	0.9999999
## 28531	3	0.9999999
## 28532	2	0.9999999
## 28533	2	0.9999999
## 28534	2	0.9999999
## 28535	2	0.9999999
## 28536	4	0.9999999
## 28537	2	0.9999999
## 28538	3	0.9999999
## 28539	2	0.9999999
## 28540	4	0.9999999
## 28541	2	0.9999999

## 28542	2	0.9999999
## 28543	1	0.9999999
## 28544	4	0.9999999
## 28545	2	0.9999999
## 28546	4	0.9999999
## 28547	2	0.9999999
## 28548	3	0.9999999
## 28549	3	0.9999999
## 28550	2	0.9999999
## 28551	4	0.9999999
## 28552	2	0.9999999
## 28553	2	0.9999999
## 28554	2	0.9999999
## 28555	0	0.9999999
## 28556	4	0.9999999
## 28557	2	0.9999999
## 28558	2	0.9999999
## 28559	4	0.9999999
## 28560	2	0.9999999
## 28561	1	0.9999999
## 28562	2	0.9999999
## 28563	1	0.9999999
## 28564	2	0.9999999
## 28565	2	0.9999999
## 28566	3	0.9999999
## 28567	2	0.9999999
## 28568	4	0.9999999
## 28569	3	0.9999999
## 28570	4	0.9999999
## 28571	1	0.9999999
## 28572	4	0.9999999
## 28573	2	0.9999999
## 28574	2	0.9999999
## 28575	2	0.9999999
## 28576	3	0.9999999
## 28577	2	0.9999999
## 28578	4	0.9999999
## 28579	3	0.9999999
## 28580	2	0.9999999
## 28581	3	0.9999999
## 28582	3	0.9999999
## 28583	3	0.9999999
## 28584	4	0.9999999
## 28585	2	0.9999999
## 28586	4	0.9999999
## 28587	4	0.9999999
## 28588	2	0.9999999
## 28589	2	0.9999999
## 28590	2	0.9999999
## 28591	3	0.9999999
## 28592	3	0.9999999
## 28593	2	0.9999999
## 28594	1	0.9999999
## 28595	4	0.9999999

## 28596	4	0.9999999
## 28597	2	0.9999999
## 28598	2	0.9999999
## 28599	2	0.9999999
## 28600	3	0.9999999
## 28601	2	0.9999999
## 28602	3	0.9999999
## 28603	2	0.9999999
## 28604	2	0.9999998
## 28605	3	0.9999999
## 28606	3	0.9999999
## 28607	3	0.9999999
## 28608	2	0.9999999
## 28609	2	0.9999999
## 28610	4	0.9999999
## 28611	3	0.9999999
## 28612	2	0.9999999
## 28613	4	0.9999999
## 28614	4	0.9999999
## 28615	2	0.9999999
## 28616	3	0.9999999
## 28617	3	0.9999999
## 28618	3	0.9999999
## 28619	2	0.9999999
## 28620	4	0.9999999
## 28621	2	0.9999999
## 28622	4	0.9999999
## 28623	3	0.9999998
## 28624	2	0.9999999
## 28625	1	0.9999999
## 28626	4	0.9999999
## 28627	2	0.9999999
## 28628	3	0.9999999
## 28629	4	0.9999999
## 28630	2	0.9999999
## 28631	2	0.9999999
## 28632	2	0.9999999
## 28633	2	0.9999998
## 28634	3	0.9999999
## 28635	3	0.9999999
## 28636	4	0.9999999
## 28637	3	0.9999999
## 28638	3	0.9999999
## 28639	2	0.9999999
## 28640	3	0.9999999
## 28641	2	0.9999999
## 28642	2	0.9999999
## 28643	3	0.9999998
## 28644	2	0.9999999
## 28645	3	0.9999999
## 28646	3	0.9999999
## 28647	2	0.9999999
## 28648	3	0.9999999
## 28649	2	0.9999999

## 28650	3	0.9999999
## 28651	3	0.9999999
## 28652	4	0.9999999
## 28653	3	0.9999998
## 28654	3	0.9999999
## 28655	2	0.9999999
## 28656	3	0.9999999
## 28657	2	0.9999999
## 28658	1	0.9999999
## 28659	4	0.9999999
## 28660	2	0.9999999
## 28661	2	0.9999999
## 28662	3	0.9999999
## 28663	1	0.9999998
## 28664	4	0.9999999
## 28665	3	0.9999999
## 28666	2	0.9999999
## 28667	2	0.9999999
## 28668	2	0.9999999
## 28669	2	0.9999999
## 28670	3	0.9999999
## 28671	3	0.9999999
## 28672	3	0.9999999
## 28673	0	0.9999999
## 28674	1	0.9999999
## 28675	2	0.9999999
## 28676	3	0.9999999
## 28677	4	0.9999999
## 28678	2	0.9999998
## 28679	3	0.9999999
## 28680	1	0.9999999
## 28681	4	0.9999999
## 28682	4	0.9999999
## 28683	3	0.9999999
## 28684	2	0.9999999
## 28685	3	0.9999999
## 28686	1	0.9999999
## 28687	1	0.9999999
## 28688	2	0.9999999
## 28689	3	0.9999999
## 28690	2	0.9999999
## 28691	4	0.9999999
## 28692	3	0.9999999
## 28693	2	0.9999999
## 28694	3	0.9999999
## 28695	3	0.9999999
## 28696	2	0.9999998
## 28697	3	0.9999999
## 28698	3	0.9999998
## 28699	2	0.9999999
## 28700	1	0.9999999
## 28701	2	0.9999999
## 28702	3	0.9999999
## 28703	3	0.9999999

## 28704	2	0.9999999
## 28705	2	0.9999999
## 28706	2	0.9999999
## 28707	2	0.9999999
## 28708	4	0.9999999
## 28709	3	0.9999999
## 28710	0	0.9999999
## 28711	3	0.9999999
## 28712	4	0.9999999
## 28713	4	0.9999999
## 28714	3	0.9999999
## 28715	2	0.9999999
## 28716	2	0.9999999
## 28717	2	0.9999999
## 28718	2	0.9999999
## 28719	2	0.9999999
## 28720	2	0.9999999
## 28721	2	0.9999999
## 28722	3	0.9999999
## 28723	2	0.9999999
## 28724	4	0.9999999
## 28725	4	0.9999999
## 28726	2	0.9999999
## 28727	1	0.9999999
## 28728	2	0.9999999
## 28729	1	0.9999999
## 28730	2	0.9999999
## 28731	1	0.9999999
## 28732	1	0.9999999
## 28733	3	0.9999999
## 28734	2	0.9999999
## 28735	2	0.9999999
## 28736	2	0.9999999
## 28737	4	0.9999999
## 28738	3	0.9999999
## 28739	2	0.9999999
## 28740	2	0.9999999
## 28741	2	0.9999999
## 28742	2	0.9999999
## 28743	3	0.9999999
## 28744	3	0.9999999
## 28745	4	0.9999999
## 28746	2	0.9999999
## 28747	2	0.9999999
## 28748	2	0.9999999
## 28749	1	0.9999999
## 28750	2	0.9999999
## 28751	2	0.9999999
## 28752	4	0.9999999
## 28753	3	0.9999999
## 28754	3	0.9999999
## 28755	3	0.9999999
## 28756	1	0.9999999
## 28757	3	0.9999999

## 28758	2	0.9999999
## 28759	4	0.9999999
## 28760	2	0.9999998
## 28761	3	0.9999999
## 28762	4	0.9999999
## 28763	4	0.9999999
## 28764	4	0.9999999
## 28765	0	0.9999999
## 28766	2	0.9999999
## 28767	3	0.9999999
## 28768	4	0.9999999
## 28769	2	0.9999999
## 28770	2	0.9999999
## 28771	4	0.9999999
## 28772	4	0.9999999
## 28773	1	0.9999999
## 28774	1	0.9999999
## 28775	2	0.9999999
## 28776	4	0.9999999
## 28777	4	0.9999999
## 28778	2	0.9999999
## 28779	2	0.9999999
## 28780	2	0.9999999
## 28781	1	0.9999999
## 28782	2	0.9999999
## 28783	3	0.9999999
## 28784	2	0.9999999
## 28785	3	0.9999999
## 28786	3	0.9999999
## 28787	0	0.9999999
## 28788	3	0.9999999
## 28789	2	0.9999999
## 28790	3	0.9999999
## 28791	4	0.9999999
## 28792	3	0.9999999
## 28793	4	0.9999999
## 28794	2	0.9999999
## 28795	2	0.9999998
## 28796	2	0.9999999
## 28797	4	0.9999999
## 28798	1	0.9999999
## 28799	3	0.9999999
## 28800	2	0.9999999
## 28801	4	0.9999999
## 28802	4	0.9999999
## 28803	4	0.9999999
## 28804	4	0.9999999
## 28805	3	0.9999999
## 28806	3	0.9999999
## 28807	4	0.9999999
## 28808	2	0.9999999
## 28809	4	0.9999999
## 28810	3	0.9999999
## 28811	2	0.9999999

## 28812	2	0.9999999
## 28813	1	0.9999999
## 28814	1	0.9999999
## 28815	3	0.9999999
## 28816	2	0.9999999
## 28817	2	0.9999999
## 28818	4	0.9999999
## 28819	3	0.9999999
## 28820	2	0.9999999
## 28821	4	0.9999999
## 28822	2	0.9999999
## 28823	2	0.9999999
## 28824	4	0.9999999
## 28825	4	0.9999999
## 28826	3	0.9999999
## 28827	2	0.9999999
## 28828	0	0.9999999
## 28829	3	0.9999999
## 28830	3	0.9999999
## 28831	4	0.9999999
## 28832	3	0.9999999
## 28833	2	0.9999999
## 28834	3	0.9999999
## 28835	2	0.9999999
## 28836	3	0.9999999
## 28837	1	0.9999999
## 28838	3	0.9999999
## 28839	3	0.9999999
## 28840	3	0.9999999
## 28841	2	0.9999999
## 28842	4	0.9999999
## 28843	3	0.9999999
## 28844	2	0.9999999
## 28845	2	0.9999999
## 28846	2	0.9999999
## 28847	2	0.9999999
## 28848	4	0.9999999
## 28849	2	0.9999999
## 28850	2	0.9999999
## 28851	3	0.9999999
## 28852	0	0.9999999
## 28853	2	0.9999999
## 28854	2	0.9999999
## 28855	4	0.9999999
## 28856	4	0.9999999
## 28857	0	0.9999999
## 28858	2	0.9999999
## 28859	2	0.9999999
## 28860	2	0.9999999
## 28861	2	0.9999999
## 28862	2	0.9999999
## 28863	3	0.9999999
## 28864	2	0.9999999
## 28865	3	0.9999999

## 28866	2	0.9999999
## 28867	4	0.9999999
## 28868	2	0.9999999
## 28869	2	0.9999999
## 28870	3	0.9999999
## 28871	3	0.9999999
## 28872	2	0.9999999
## 28873	3	0.9999999
## 28874	1	0.9999999
## 28875	2	0.9999999
## 28876	3	0.9999999
## 28877	4	0.9999999
## 28878	2	0.9999999
## 28879	3	0.9999999
## 28880	2	0.9999999
## 28881	3	0.9999999
## 28882	2	0.9999999
## 28883	0	0.9999999
## 28884	4	0.9999999
## 28885	3	0.9999999
## 28886	1	0.9999999
## 28887	1	0.9999999
## 28888	3	0.9999999
## 28889	4	0.9999999
## 28890	2	0.9999999
## 28891	1	0.9999999
## 28892	3	0.9999999
## 28893	2	0.9999999
## 28894	2	0.9999999
## 28895	2	0.9999999
## 28896	2	0.9999999
## 28897	3	0.9999999
## 28898	4	0.9999999
## 28899	4	0.9999999
## 28900	2	0.9999999
## 28901	2	0.9999999
## 28902	3	0.9999999
## 28903	1	0.9999999
## 28904	4	0.9999999
## 28905	4	0.9999999
## 28906	3	0.9999999
## 28907	4	0.9999999
## 28908	2	0.9999999
## 28909	2	0.9999999
## 28910	2	0.9999999
## 28911	2	0.9999999
## 28912	3	0.9999999
## 28913	3	0.9999999
## 28914	2	0.9999999
## 28915	2	0.9999999
## 28916	3	0.9999999
## 28917	2	0.9999999
## 28918	4	0.9999999
## 28919	4	0.9999999

## 28920	2	0.9999999
## 28921	2	0.9999998
## 28922	4	0.9999999
## 28923	2	0.9999999
## 28924	2	0.9999999
## 28925	2	0.9999999
## 28926	2	0.9999999
## 28927	4	0.9999999
## 28928	1	0.9999999
## 28929	2	0.9999999
## 28930	2	0.9999999
## 28931	2	0.9999999
## 28932	2	0.9999999
## 28933	3	0.9999999
## 28934	2	0.9999999
## 28935	4	0.9999999
## 28936	4	0.9999999
## 28937	3	0.9999999
## 28938	2	0.9999999
## 28939	2	0.9999999
## 28940	2	0.9999999
## 28941	4	0.9999999
## 28942	2	0.9999999
## 28943	2	0.9999999
## 28944	4	0.9999999
## 28945	4	0.9999999
## 28946	2	0.9999999
## 28947	3	0.9999998
## 28948	2	0.9999999
## 28949	3	0.9999999
## 28950	3	0.9999999
## 28951	3	0.9999998
## 28952	3	0.9999998
## 28953	2	0.9999999
## 28954	3	0.9999998
## 28955	1	0.9999999
## 28956	3	0.9999999
## 28957	2	0.9999999
## 28958	2	0.9999999
## 28959	2	0.9999999
## 28960	2	0.9999999
## 28961	2	0.9999999
## 28962	4	0.9999999
## 28963	2	0.9999999
## 28964	3	0.9999998
## 28965	2	0.9999999
## 28966	2	0.9999999
## 28967	2	0.9999999
## 28968	1	0.9999999
## 28969	2	0.9999999
## 28970	3	0.9999999
## 28971	1	0.9999999
## 28972	4	0.9999999
## 28973	2	0.9999999

## 28974	4	0.9999999
## 28975	3	0.9999999
## 28976	2	0.9999999
## 28977	4	0.9999999
## 28978	4	0.9999999
## 28979	4	0.9999999
## 28980	2	0.9999999
## 28981	1	0.9999999
## 28982	2	0.9999999
## 28983	2	0.9999999
## 28984	2	0.9999999
## 28985	4	0.9999999
## 28986	4	0.9999999
## 28987	2	0.9999999
## 28988	2	0.9999999
## 28989	0	0.9999999
## 28990	3	0.9999999
## 28991	3	0.9999999
## 28992	3	0.9999999
## 28993	4	0.9999999
## 28994	2	0.9999999
## 28995	2	0.9999999
## 28996	2	0.9999999
## 28997	4	0.9999999
## 28998	3	0.9999999
## 28999	2	0.9999999
## 29000	2	0.9999999
## 29001	3	0.9999999
## 29002	0	0.9999999
## 29003	2	0.9999999
## 29004	2	0.9999999
## 29005	4	0.9999999
## 29006	3	0.9999999
## 29007	2	0.9999999
## 29008	3	0.9999999
## 29009	2	0.9999998
## 29010	2	0.9999998
## 29011	1	0.9999999
## 29012	4	0.9999999
## 29013	2	0.9999999
## 29014	2	0.9999999
## 29015	3	0.9999999
## 29016	4	0.9999999
## 29017	3	0.9999999
## 29018	2	0.9999999
## 29019	2	0.9999999
## 29020	2	0.9999999
## 29021	3	0.9999999
## 29022	4	0.9999999
## 29023	4	0.9999999
## 29024	1	0.9999999
## 29025	3	0.9999999
## 29026	3	0.9999999
## 29027	1	0.9999999

## 29028	2	0.9999999
## 29029	4	0.9999999
## 29030	4	0.9999999
## 29031	4	0.9999999
## 29032	0	0.9999999
## 29033	2	0.9999999
## 29034	4	0.9999999
## 29035	4	0.9999999
## 29036	2	0.9999999
## 29037	4	0.9999999
## 29038	3	0.9999999
## 29039	2	0.9999999
## 29040	3	0.9999999
## 29041	1	0.9999999
## 29042	2	0.9999999
## 29043	2	0.9999999
## 29044	2	0.9999999
## 29045	2	0.9999999
## 29046	2	0.9999999
## 29047	3	0.9999999
## 29048	2	0.9999999
## 29049	4	0.9999999
## 29050	2	0.9999999
## 29051	4	0.9999999
## 29052	2	0.9999999
## 29053	3	0.9999999
## 29054	4	0.9999999
## 29055	4	0.9999999
## 29056	4	0.9999999
## 29057	2	0.9999999
## 29058	2	0.9999999
## 29059	3	0.9999999
## 29060	4	0.9999999
## 29061	1	0.9999999
## 29062	2	0.9999999
## 29063	1	0.9999999
## 29064	3	0.9999999
## 29065	0	0.9999999
## 29066	3	0.9999999
## 29067	3	0.9999999
## 29068	4	0.9999999
## 29069	4	0.9999999
## 29070	2	0.9999999
## 29071	3	0.9999999
## 29072	2	0.9999999
## 29073	3	0.9999999
## 29074	3	0.9999999
## 29075	3	0.9999999
## 29076	2	0.9999999
## 29077	4	0.9999999
## 29078	2	0.9999999
## 29079	2	0.9999999
## 29080	3	0.9999999
## 29081	1	0.9999998

## 29082	3	0.9999999
## 29083	2	0.9999999
## 29084	4	0.9999999
## 29085	2	0.9999999
## 29086	3	0.9999999
## 29087	3	0.9999999
## 29088	2	0.9999999
## 29089	2	0.9999999
## 29090	2	0.9999999
## 29091	4	0.9999999
## 29092	2	0.9999999
## 29093	2	0.9999998
## 29094	4	0.9999999
## 29095	1	0.9999999
## 29096	2	0.9999999
## 29097	2	0.9999999
## 29098	3	0.9999999
## 29099	3	0.9999999
## 29100	3	0.9999999
## 29101	2	0.9999999
## 29102	3	0.9999999
## 29103	2	0.9999998
## 29104	3	0.9999999
## 29105	4	0.9999999
## 29106	4	0.9999999
## 29107	4	0.9999999
## 29108	3	0.9999999
## 29109	2	0.9999999
## 29110	2	0.9999999
## 29111	4	0.9999999
## 29112	4	0.9999999
## 29113	1	0.9999999
## 29114	4	0.9999999
## 29115	3	0.9999999
## 29116	3	0.9999999
## 29117	3	0.9999999
## 29118	3	0.9999999
## 29119	3	0.9999999
## 29120	3	0.9999999
## 29121	3	0.9999999
## 29122	3	0.9999999
## 29123	4	0.9999999
## 29124	3	0.9999999
## 29125	3	0.9999999
## 29126	3	0.9999999
## 29127	2	0.9999999
## 29128	2	0.9999999
## 29129	2	0.9999999
## 29130	3	0.9999999
## 29131	2	0.9999999
## 29132	4	0.9999999
## 29133	2	0.9999999
## 29134	3	0.9999999
## 29135	4	0.9999999

## 29136	3	0.9999999
## 29137	3	0.9999999
## 29138	2	0.9999999
## 29139	2	0.9999999
## 29140	3	0.9999999
## 29141	2	0.9999999
## 29142	3	0.9999999
## 29143	3	0.9999999
## 29144	3	0.9999999
## 29145	2	0.9999999
## 29146	2	0.9999999
## 29147	3	0.9999999
## 29148	3	0.9999999
## 29149	1	0.9999998
## 29150	4	0.9999999
## 29151	3	0.9999999
## 29152	4	0.9999999
## 29153	2	0.9999998
## 29154	2	0.9999999
## 29155	2	0.9999999
## 29156	4	0.9999999
## 29157	2	0.9999999
## 29158	1	0.9999999
## 29159	2	0.9999999
## 29160	3	0.9999999
## 29161	2	0.9999999
## 29162	2	0.9999999
## 29163	3	0.9999999
## 29164	1	0.9999999
## 29165	3	0.9999999
## 29166	3	0.9999999
## 29167	4	0.9999999
## 29168	1	0.9999999
## 29169	3	0.9999999
## 29170	2	0.9999999
## 29171	4	0.9999999
## 29172	3	0.9999999
## 29173	0	0.9999999
## 29174	2	0.9999999
## 29175	2	0.9999999
## 29176	3	0.9999999
## 29177	3	0.9999999
## 29178	4	0.9999999
## 29179	2	0.9999999
## 29180	2	0.9999999
## 29181	3	0.9999999
## 29182	4	0.9999999
## 29183	4	0.9999999
## 29184	3	0.9999999
## 29185	2	0.9999998
## 29186	4	0.9999999
## 29187	2	0.9999999
## 29188	2	0.9999999
## 29189	4	0.9999999

## 29190	4	0.9999999
## 29191	2	0.9999999
## 29192	2	0.9999999
## 29193	3	0.9999999
## 29194	3	0.9999998
## 29195	2	0.9999999
## 29196	3	0.9999999
## 29197	4	0.9999999
## 29198	3	0.9999999
## 29199	4	0.9999998
## 29200	3	0.9999999
## 29201	4	0.9999999
## 29202	4	0.9999999
## 29203	3	0.9999999
## 29204	4	0.9999999
## 29205	0	0.9999999
## 29206	4	0.9999999
## 29207	1	0.9999999
## 29208	4	0.9999999
## 29209	2	0.9999999
## 29210	2	0.9999999
## 29211	2	0.9999999
## 29212	4	0.9999999
## 29213	4	0.9999999
## 29214	4	0.9999999
## 29215	2	0.9999999
## 29216	2	0.9999999
## 29217	3	0.9999999
## 29218	2	0.9999999
## 29219	2	0.9999999
## 29220	2	0.9999999
## 29221	3	0.9999998
## 29222	2	0.9999999
## 29223	4	0.9999999
## 29224	2	0.9999999
## 29225	2	0.9999999
## 29226	2	0.9999999
## 29227	2	0.9999999
## 29228	2	0.9999999
## 29229	2	0.9999999
## 29230	4	0.9999999
## 29231	2	0.9999999
## 29232	2	0.9999999
## 29233	2	0.9999999
## 29234	3	0.9999999
## 29235	2	0.9999999
## 29236	2	0.9999999
## 29237	4	0.9999999
## 29238	2	0.9999999
## 29239	4	0.9999999
## 29240	2	0.9999999
## 29241	2	0.9999999
## 29242	4	0.9999999
## 29243	2	0.9999999

## 29244	2	0.9999999
## 29245	2	0.9999999
## 29246	2	0.9999999
## 29247	2	0.9999999
## 29248	2	0.9999999
## 29249	3	0.9999999
## 29250	4	0.9999999
## 29251	3	0.9999999
## 29252	2	0.9999999
## 29253	3	0.9999999
## 29254	3	0.9999999
## 29255	2	0.9999999
## 29256	4	0.9999999
## 29257	3	0.9999999
## 29258	2	0.9999999
## 29259	4	0.9999999
## 29260	4	0.9999999
## 29261	1	0.9999999
## 29262	2	0.9999999
## 29263	1	0.9999999
## 29264	2	0.9999999
## 29265	2	0.9999999
## 29266	3	0.9999998
## 29267	2	0.9999999
## 29268	4	0.9999999
## 29269	3	0.9999999
## 29270	2	0.9999999
## 29271	4	0.9999999
## 29272	3	0.9999999
## 29273	2	0.9999999
## 29274	2	0.9999999
## 29275	4	0.9999999
## 29276	3	0.9999999
## 29277	4	0.9999999
## 29278	2	0.9999999
## 29279	3	0.9999999
## 29280	4	0.9999999
## 29281	4	0.9999999
## 29282	3	0.9999999
## 29283	2	0.9999998
## 29284	2	0.9999999
## 29285	2	0.9999999
## 29286	4	0.9999999
## 29287	4	0.9999999
## 29288	2	0.9999999
## 29289	3	0.9999999
## 29290	1	0.9999999
## 29291	2	0.9999999
## 29292	3	0.9999999
## 29293	3	0.9999999
## 29294	3	0.9999999
## 29295	4	0.9999999
## 29296	3	0.9999999
## 29297	4	0.9999999

## 29298	1	0.9999999
## 29299	2	0.9999999
## 29300	2	0.9999999
## 29301	4	0.9999999
## 29302	4	0.9999999
## 29303	2	0.9999999
## 29304	4	0.9999999
## 29305	2	0.9999999
## 29306	2	0.9999999
## 29307	2	0.9999999
## 29308	1	0.9999999
## 29309	2	0.9999999
## 29310	3	0.9999999
## 29311	2	0.9999999
## 29312	2	0.9999999
## 29313	3	0.9999999
## 29314	4	0.9999999
## 29315	2	0.9999999
## 29316	3	0.9999999
## 29317	3	0.9999999
## 29318	3	0.9999999
## 29319	4	0.9999999
## 29320	2	0.9999999
## 29321	2	0.9999999
## 29322	2	0.9999999
## 29323	3	0.9999999
## 29324	2	0.9999999
## 29325	2	0.9999999
## 29326	3	0.9999999
## 29327	4	0.9999999
## 29328	4	0.9999999
## 29329	2	0.9999999
## 29330	2	0.9999999
## 29331	1	0.9999999
## 29332	2	0.9999999
## 29333	3	0.9999999
## 29334	2	0.9999999
## 29335	4	0.9999999
## 29336	3	0.9999999
## 29337	4	0.9999999
## 29338	2	0.9999999
## 29339	3	0.9999999
## 29340	3	0.9999999
## 29341	2	0.9999999
## 29342	4	0.9999998
## 29343	1	0.9999999
## 29344	2	0.9999999
## 29345	3	0.9999999
## 29346	3	0.9999999
## 29347	2	0.9999999
## 29348	1	0.9999999
## 29349	4	0.9999999
## 29350	4	0.9999999
## 29351	4	0.9999999

## 29352	4	0.9999999
## 29353	2	0.9999999
## 29354	2	0.9999999
## 29355	3	0.9999998
## 29356	4	0.9999999
## 29357	3	0.9999999
## 29358	3	0.9999999
## 29359	2	0.9999999
## 29360	3	0.9999999
## 29361	2	0.9999999
## 29362	2	0.9999999
## 29363	4	0.9999999
## 29364	1	0.9999999
## 29365	4	0.9999999
## 29366	4	0.9999999
## 29367	4	0.9999999
## 29368	2	0.9999998
## 29369	2	0.9999999
## 29370	4	0.9999999
## 29371	4	0.9999999
## 29372	2	0.9999999
## 29373	0	0.9999999
## 29374	3	0.9999999
## 29375	3	0.9999999
## 29376	2	0.9999999
## 29377	0	0.9999999
## 29378	2	0.9999999
## 29379	2	0.9999999
## 29380	4	0.9999999
## 29381	1	0.9999999
## 29382	1	0.9999999
## 29383	4	0.9999999
## 29384	3	0.9999999
## 29385	2	0.9999999
## 29386	2	0.9999999
## 29387	1	0.9999998
## 29388	4	0.9999999
## 29389	3	0.9999999
## 29390	2	0.9999998
## 29391	4	0.9999999
## 29392	2	0.9999999
## 29393	2	0.9999999
## 29394	2	0.9999998
## 29395	3	0.9999999
## 29396	3	0.9999999
## 29397	1	0.9999998
## 29398	2	0.9999999
## 29399	3	0.9999999
## 29400	2	0.9999999
## 29401	4	0.9999999
## 29402	1	0.9999999
## 29403	2	0.9999999
## 29404	4	0.9999999
## 29405	4	0.9999999

## 29406	1	0.9999999
## 29407	3	0.9999999
## 29408	3	0.9999999
## 29409	2	0.9999999
## 29410	3	0.9999999
## 29411	3	0.9999998
## 29412	4	0.9999999
## 29413	3	0.9999999
## 29414	3	0.9999999
## 29415	2	0.9999999
## 29416	1	0.9999999
## 29417	3	0.9999999
## 29418	1	0.9999999
## 29419	1	0.9999999
## 29420	4	0.9999999
## 29421	2	0.9999999
## 29422	1	0.9999999
## 29423	2	0.9999999
## 29424	3	0.9999999
## 29425	3	0.9999999
## 29426	3	0.9999999
## 29427	0	0.9999999
## 29428	2	0.9999999
## 29429	3	0.9999999
## 29430	2	0.9999999
## 29431	2	0.9999999
## 29432	2	0.9999999
## 29433	3	0.9999999
## 29434	4	0.9999999
## 29435	3	0.9999999
## 29436	4	0.9999999
## 29437	2	0.9999999
## 29438	0	0.9999999
## 29439	3	0.9999999
## 29440	4	0.9999999
## 29441	2	0.9999999
## 29442	3	0.9999999
## 29443	2	0.9999999
## 29444	4	0.9999999
## 29445	4	0.9999999
## 29446	2	0.9999999
## 29447	3	0.9999999
## 29448	4	0.9999999
## 29449	1	0.9999999
## 29450	1	0.9999999
## 29451	3	0.9999998
## 29452	2	0.9999999
## 29453	2	0.9999999
## 29454	2	0.9999999
## 29455	2	0.9999999
## 29456	3	0.9999999
## 29457	3	0.9999999
## 29458	4	0.9999998
## 29459	3	0.9999999

## 29460	4	0.9999999
## 29461	4	0.9999999
## 29462	2	0.9999998
## 29463	2	0.9999999
## 29464	2	0.9999999
## 29465	2	0.9999999
## 29466	4	0.9999999
## 29467	4	0.9999999
## 29468	2	0.9999999
## 29469	2	0.9999999
## 29470	2	0.9999999
## 29471	2	0.9999999
## 29472	2	0.9999999
## 29473	2	0.9999999
## 29474	2	0.9999999
## 29475	3	0.9999999
## 29476	4	0.9999999
## 29477	1	0.9999999
## 29478	2	0.9999999
## 29479	3	0.9999999
## 29480	2	0.9999999
## 29481	2	0.9999999
## 29482	2	0.9999999
## 29483	3	0.9999999
## 29484	4	0.9999999
## 29485	3	0.9999999
## 29486	2	0.9999999
## 29487	1	0.9999999
## 29488	2	0.9999999
## 29489	4	0.9999999
## 29490	3	0.9999999
## 29491	2	0.9999999
## 29492	4	0.9999999
## 29493	3	0.9999999
## 29494	2	0.9999999
## 29495	3	0.9999999
## 29496	4	0.9999999
## 29497	3	0.9999999
## 29498	0	0.9999999
## 29499	2	0.9999999
## 29500	2	0.9999999
## 29501	2	0.9999999
## 29502	2	0.9999999
## 29503	4	0.9999999
## 29504	2	0.9999999
## 29505	2	0.9999999
## 29506	4	0.9999998
## 29507	3	0.9999999
## 29508	2	0.9999999
## 29509	4	0.9999999
## 29510	2	0.9999999
## 29511	2	0.9999999
## 29512	1	0.9999999
## 29513	3	0.9999999

## 29514	2	0.9999999
## 29515	2	0.9999999
## 29516	4	0.9999999
## 29517	4	0.9999999
## 29518	2	0.9999999
## 29519	3	0.9999999
## 29520	2	0.9999999
## 29521	3	0.9999999
## 29522	3	0.9999999
## 29523	1	0.9999999
## 29524	4	0.9999999
## 29525	1	0.9999999
## 29526	2	0.9999999
## 29527	2	0.9999999
## 29528	1	0.9999999
## 29529	3	0.9999999
## 29530	4	0.9999999
## 29531	2	0.9999999
## 29532	2	0.9999999
## 29533	2	0.9999999
## 29534	4	0.9999999
## 29535	2	0.9999999
## 29536	2	0.9999999
## 29537	1	0.9999999
## 29538	3	0.9999999
## 29539	2	0.9999999
## 29540	2	0.9999999
## 29541	3	0.9999999
## 29542	3	0.9999999
## 29543	3	0.9999999
## 29544	2	0.9999999
## 29545	4	0.9999999
## 29546	3	0.9999999
## 29547	2	0.9999999
## 29548	2	0.9999999
## 29549	4	0.9999999
## 29550	4	0.9999999
## 29551	1	0.9999999
## 29552	1	0.9999999
## 29553	2	0.9999999
## 29554	1	0.9999999
## 29555	3	0.9999999
## 29556	2	0.9999999
## 29557	4	0.9999999
## 29558	1	0.9999999
## 29559	2	0.9999999
## 29560	1	0.9999999
## 29561	3	0.9999999
## 29562	2	0.9999999
## 29563	3	0.9999999
## 29564	3	0.9999999
## 29565	3	0.9999999
## 29566	3	0.9999999
## 29567	2	0.9999999

## 29568	1	0.9999999
## 29569	3	0.9999999
## 29570	3	0.9999999
## 29571	4	0.9999999
## 29572	4	0.9999999
## 29573	2	0.9999999
## 29574	4	0.9999999
## 29575	3	0.9999999
## 29576	2	0.9999999
## 29577	3	0.9999999
## 29578	3	0.9999999
## 29579	3	0.9999999
## 29580	4	0.9999999
## 29581	4	0.9999999
## 29582	1	0.9999999
## 29583	2	0.9999999
## 29584	2	0.9999999
## 29585	2	0.9999999
## 29586	1	0.9999999
## 29587	2	0.9999999
## 29588	2	0.9999999
## 29589	2	0.9999999
## 29590	2	0.9999998
## 29591	2	0.9999999
## 29592	2	0.9999999
## 29593	3	0.9999999
## 29594	2	0.9999999
## 29595	4	0.9999999
## 29596	1	0.9999999
## 29597	2	0.9999999
## 29598	2	0.9999999
## 29599	3	0.9999999
## 29600	4	0.9999999
## 29601	4	0.9999998
## 29602	3	0.9999999
## 29603	3	0.9999999
## 29604	0	0.9999999
## 29605	1	0.9999999
## 29606	1	0.9999999
## 29607	2	0.9999999
## 29608	2	0.9999999
## 29609	2	0.9999999
## 29610	4	0.9999999
## 29611	2	0.9999999
## 29612	2	0.9999999
## 29613	2	0.9999999
## 29614	3	0.9999999
## 29615	2	0.9999999
## 29616	4	0.9999999
## 29617	2	0.9999999
## 29618	4	0.9999999
## 29619	1	0.9999999
## 29620	0	0.9999998
## 29621	2	0.9999999

## 29622	3	0.9999999
## 29623	1	0.9999999
## 29624	2	0.9999999
## 29625	4	0.9999999
## 29626	0	0.9999999
## 29627	2	0.9999999
## 29628	2	0.9999999
## 29629	3	0.9999999
## 29630	2	0.9999999
## 29631	2	0.9999999
## 29632	2	0.9999999
## 29633	4	0.9999999
## 29634	2	0.9999999
## 29635	4	0.9999998
## 29636	1	0.9999999
## 29637	1	0.9999999
## 29638	0	0.9999999
## 29639	4	0.9999998
## 29640	2	0.9999999
## 29641	3	0.9999999
## 29642	2	0.9999999
## 29643	2	0.9999999
## 29644	4	0.9999999
## 29645	4	0.9999999
## 29646	1	0.9999999
## 29647	2	0.9999999
## 29648	4	0.9999999
## 29649	3	0.9999999
## 29650	3	0.9999999
## 29651	2	0.9999999
## 29652	1	0.9999999
## 29653	4	0.9999999
## 29654	4	0.9999999
## 29655	4	0.9999999
## 29656	2	0.9999999
## 29657	3	0.9999999
## 29658	1	0.9999999
## 29659	2	0.9999999
## 29660	1	0.9999999
## 29661	4	0.9999999
## 29662	3	0.9999999
## 29663	3	0.9999998
## 29664	0	0.9999999
## 29665	2	0.9999999
## 29666	3	0.9999999
## 29667	2	0.9999999
## 29668	2	0.9999999
## 29669	2	0.9999999
## 29670	3	0.9999999
## 29671	4	0.9999999
## 29672	2	0.9999999
## 29673	3	0.9999999
## 29674	2	0.9999999
## 29675	4	0.9999999

## 29676	2	0.9999999
## 29677	4	0.9999999
## 29678	1	0.9999999
## 29679	4	0.9999999
## 29680	2	0.9999999
## 29681	2	0.9999999
## 29682	2	0.9999999
## 29683	2	0.9999999
## 29684	4	0.9999999
## 29685	4	0.9999999
## 29686	2	0.9999999
## 29687	2	0.9999999
## 29688	3	0.9999999
## 29689	4	0.9999999
## 29690	3	0.9999999
## 29691	1	0.9999999
## 29692	4	0.9999999
## 29693	1	0.9999999
## 29694	3	0.9999999
## 29695	2	0.9999999
## 29696	2	0.9999999
## 29697	3	0.9999999
## 29698	2	0.9999999
## 29699	2	0.9999999
## 29700	2	0.9999999
## 29701	3	0.9999999
## 29702	4	0.9999999
## 29703	2	0.9999999
## 29704	3	0.9999999
## 29705	4	0.9999999
## 29706	3	0.9999999
## 29707	4	0.9999999
## 29708	2	0.9999999
## 29709	2	0.9999999
## 29710	2	0.9999999
## 29711	3	0.9999999
## 29712	2	0.9999999
## 29713	4	0.9999999
## 29714	2	0.9999999
## 29715	2	0.9999999
## 29716	2	0.9999999
## 29717	3	0.9999999
## 29718	2	0.9999999
## 29719	4	0.9999999
## 29720	3	0.9999999
## 29721	3	0.9999999
## 29722	3	0.9999999
## 29723	1	0.9999999
## 29724	4	0.9999999
## 29725	2	0.9999999
## 29726	2	0.9999999
## 29727	4	0.9999999
## 29728	3	0.9999999
## 29729	3	0.9999999

## 29730	2	0.9999999
## 29731	4	0.9999999
## 29732	3	0.9999999
## 29733	3	0.9999999
## 29734	2	0.9999999
## 29735	3	0.9999999
## 29736	3	0.9999999
## 29737	4	0.9999999
## 29738	3	0.9999999
## 29739	2	0.9999999
## 29740	4	0.9999999
## 29741	4	0.9999999
## 29742	1	0.9999999
## 29743	2	0.9999998
## 29744	1	0.9999999
## 29745	4	0.9999999
## 29746	4	0.9999999
## 29747	2	0.9999999
## 29748	3	0.9999999
## 29749	2	0.9999999
## 29750	4	0.9999999
## 29751	0	0.9999999
## 29752	3	0.9999999
## 29753	4	0.9999999
## 29754	2	0.9999999
## 29755	4	0.9999999
## 29756	0	0.9999999
## 29757	3	0.9999999
## 29758	1	0.9999999
## 29759	3	0.9999999
## 29760	0	0.9999999
## 29761	1	0.9999999
## 29762	2	0.9999998
## 29763	1	0.9999999
## 29764	2	0.9999999
## 29765	4	0.9999999
## 29766	2	0.9999999
## 29767	1	0.9999999
## 29768	2	0.9999999
## 29769	3	0.9999999
## 29770	4	0.9999999
## 29771	2	0.9999999
## 29772	4	0.9999999
## 29773	2	0.9999999
## 29774	2	0.9999999
## 29775	4	0.9999999
## 29776	3	0.9999999
## 29777	4	0.9999999
## 29778	2	0.9999999
## 29779	3	0.9999999
## 29780	4	0.9999999
## 29781	2	0.9999999
## 29782	3	0.9999999
## 29783	4	0.9999999

## 29784	2	0.9999999
## 29785	2	0.9999999
## 29786	4	0.9999999
## 29787	0	0.9999999
## 29788	3	0.9999999
## 29789	0	0.9999998
## 29790	1	0.9999998
## 29791	3	0.9999999
## 29792	4	0.9999999
## 29793	4	0.9999999
## 29794	2	0.9999999
## 29795	2	0.9999998
## 29796	1	0.9999999
## 29797	3	0.9999999
## 29798	3	0.9999999
## 29799	3	0.9999999
## 29800	3	0.9999998
## 29801	3	0.9999999
## 29802	3	0.9999999
## 29803	1	0.9999999
## 29804	2	0.9999999
## 29805	1	0.9999999
## 29806	2	0.9999999
## 29807	1	0.9999999
## 29808	3	0.9999999
## 29809	4	0.9999999
## 29810	3	0.9999999
## 29811	2	0.9999999
## 29812	1	0.9999999
## 29813	3	0.9999999
## 29814	2	0.9999999
## 29815	1	0.9999999
## 29816	1	0.9999999
## 29817	1	0.9999999
## 29818	3	0.9999999
## 29819	2	0.9999999
## 29820	3	0.9999999
## 29821	2	0.9999999
## 29822	2	0.9999999
## 29823	3	0.9999999
## 29824	4	0.9999999
## 29825	4	0.9999999
## 29826	4	0.9999999
## 29827	2	0.9999999
## 29828	2	0.9999999
## 29829	4	0.9999999
## 29830	2	0.9999999
## 29831	4	0.9999999
## 29832	3	0.9999999
## 29833	0	0.9999999
## 29834	2	0.9999998
## 29835	2	0.9999999
## 29836	2	0.9999999
## 29837	2	0.9999999

## 29838	4	0.9999999
## 29839	1	0.9999999
## 29840	3	0.9999999
## 29841	2	0.9999999
## 29842	4	0.9999999
## 29843	3	0.9999999
## 29844	3	0.9999999
## 29845	3	0.9999999
## 29846	4	0.9999999
## 29847	0	0.9999999
## 29848	2	0.9999999
## 29849	4	0.9999999
## 29850	3	0.9999999
## 29851	2	0.9999999
## 29852	2	0.9999999
## 29853	2	0.9999999
## 29854	3	0.9999999
## 29855	2	0.9999999
## 29856	3	0.9999999
## 29857	0	0.9999999
## 29858	2	0.9999999
## 29859	2	0.9999999
## 29860	3	0.9999999
## 29861	4	0.9999999
## 29862	4	0.9999999
## 29863	3	0.9999999
## 29864	2	0.9999998
## 29865	4	0.9999998
## 29866	0	0.9999999
## 29867	2	0.9999999
## 29868	2	0.9999999
## 29869	0	0.9999999
## 29870	2	0.9999999
## 29871	2	0.9999999
## 29872	3	0.9999999
## 29873	2	0.9999999
## 29874	0	0.9999999
## 29875	2	0.9999999
## 29876	2	0.9999999
## 29877	2	0.9999999
## 29878	2	0.9999999
## 29879	2	0.9999999
## 29880	2	0.9999999
## 29881	2	0.9999998
## 29882	4	0.9999999
## 29883	4	0.9999999
## 29884	2	0.9999999
## 29885	2	0.9999999
## 29886	4	0.9999999
## 29887	4	0.9999999
## 29888	2	0.9999999
## 29889	1	0.9999999
## 29890	2	0.9999999
## 29891	1	0.9999999

## 29892	2	0.9999998
## 29893	4	0.9999999
## 29894	2	0.9999999
## 29895	2	0.9999999
## 29896	3	0.9999999
## 29897	4	0.9999999
## 29898	1	0.9999999
## 29899	3	0.9999999
## 29900	2	0.9999999
## 29901	2	0.9999999
## 29902	1	0.9999999
## 29903	1	0.9999999
## 29904	2	0.9999998
## 29905	4	0.9999999
## 29906	2	0.9999998
## 29907	3	0.9999999
## 29908	3	0.9999999
## 29909	2	0.9999999
## 29910	4	0.9999999
## 29911	1	0.9999999
## 29912	4	0.9999999
## 29913	2	0.9999999
## 29914	4	0.9999999
## 29915	4	0.9999999
## 29916	0	0.9999998
## 29917	3	0.9999999
## 29918	2	0.9999999
## 29919	3	0.9999998
## 29920	4	0.9999999
## 29921	2	0.9999998
## 29922	3	0.9999999
## 29923	3	0.9999999
## 29924	2	0.9999999
## 29925	3	0.9999999
## 29926	2	0.9999999
## 29927	2	0.9999999
## 29928	3	0.9999999
## 29929	2	0.9999999
## 29930	4	0.9999999
## 29931	3	0.9999999
## 29932	2	0.9999999
## 29933	3	0.9999999
## 29934	2	0.9999999
## 29935	4	0.9999999
## 29936	4	0.9999999
## 29937	4	0.9999999
## 29938	4	0.9999999
## 29939	4	0.9999999
## 29940	4	0.9999999
## 29941	4	0.9999999
## 29942	3	0.9999999
## 29943	3	0.9999999
## 29944	1	0.9999999
## 29945	1	0.9999999

## 29946	1	0.9999999
## 29947	4	0.9999999
## 29948	1	0.9999999
## 29949	3	0.9999999
## 29950	2	0.9999999
## 29951	4	0.9999999
## 29952	2	0.9999999
## 29953	4	0.9999999
## 29954	3	0.9999999
## 29955	3	0.9999999
## 29956	2	0.9999999
## 29957	2	0.9999999
## 29958	2	0.9999998
## 29959	2	0.9999999
## 29960	4	0.9999999
## 29961	1	0.9999999
## 29962	3	0.9999999
## 29963	3	0.9999999
## 29964	4	0.9999999
## 29965	2	0.9999999
## 29966	0	0.9999999
## 29967	2	0.9999999
## 29968	2	0.9999999
## 29969	1	0.9999999
## 29970	2	0.9999999
## 29971	2	0.9999999
## 29972	2	0.9999998
## 29973	4	0.9999999
## 29974	4	0.9999999
## 29975	2	0.9999999
## 29976	2	0.9999999
## 29977	2	0.9999999
## 29978	3	0.9999999
## 29979	2	0.9999999
## 29980	3	0.9999999
## 29981	3	0.9999999
## 29982	2	0.9999999
## 29983	4	0.9999999
## 29984	2	0.9999999
## 29985	2	0.9999999
## 29986	2	0.9999999
## 29987	4	0.9999999
## 29988	2	0.9999999
## 29989	3	0.9999999
## 29990	2	0.9999999
## 29991	3	0.9999999
## 29992	3	0.9999999
## 29993	3	0.9999999
## 29994	1	0.9999999
## 29995	2	0.9999998
## 29996	3	0.9999999
## 29997	3	0.9999999
## 29998	3	0.9999999
## 29999	4	0.9999999

## 30000	3	0.9999999
## 30001	2	0.9999999
## 30002	3	0.9999999
## 30003	2	0.9999999
## 30004	2	0.9999999
## 30005	4	0.9999999
## 30006	4	0.9999999
## 30007	3	0.9999999
## 30008	4	0.9999999
## 30009	3	0.9999999
## 30010	4	0.9999999
## 30011	3	0.9999999
## 30012	3	0.9999999
## 30013	2	0.9999999
## 30014	2	0.9999999
## 30015	2	0.9999999
## 30016	3	0.9999999
## 30017	2	0.9999999
## 30018	4	0.9999999
## 30019	2	0.9999999
## 30020	2	0.9999999
## 30021	2	0.9999999
## 30022	4	0.9999999
## 30023	2	0.9999999
## 30024	4	0.9999999
## 30025	2	0.9999999
## 30026	3	0.9999998
## 30027	2	0.9999999
## 30028	3	0.9999999
## 30029	2	0.9999999
## 30030	3	0.9999999
## 30031	2	0.9999999
## 30032	2	0.9999999
## 30033	4	0.9999999
## 30034	2	0.9999999
## 30035	2	0.9999999
## 30036	2	0.9999999
## 30037	3	0.9999999
## 30038	2	0.9999999
## 30039	1	0.9999998
## 30040	2	0.9999999
## 30041	3	0.9999999
## 30042	4	0.9999999
## 30043	2	0.9999999
## 30044	4	0.9999999
## 30045	3	0.9999999
## 30046	4	0.9999999
## 30047	2	0.9999999
## 30048	2	0.9999999
## 30049	4	0.9999999
## 30050	4	0.9999999
## 30051	1	0.9999999
## 30052	3	0.9999999
## 30053	4	0.9999999

## 30054	2	0.9999998
## 30055	2	0.9999999
## 30056	3	0.9999999
## 30057	3	0.9999999
## 30058	3	0.9999998
## 30059	2	0.9999999
## 30060	1	0.9999999
## 30061	1	0.9999999
## 30062	2	0.9999999
## 30063	1	0.9999999
## 30064	2	0.9999999
## 30065	2	0.9999999
## 30066	1	0.9999999
## 30067	3	0.9999999
## 30068	4	0.9999999
## 30069	4	0.9999999
## 30070	4	0.9999999
## 30071	4	0.9999999
## 30072	1	0.9999999
## 30073	3	0.9999999
## 30074	1	0.9999998
## 30075	3	0.9999999
## 30076	2	0.9999999
## 30077	2	0.9999999
## 30078	2	0.9999999
## 30079	4	0.9999999
## 30080	2	0.9999999
## 30081	4	0.9999999
## 30082	4	0.9999999
## 30083	1	0.9999999
## 30084	2	0.9999999
## 30085	1	0.9999999
## 30086	2	0.9999999
## 30087	2	0.9999999
## 30088	2	0.9999999
## 30089	2	0.9999998
## 30090	3	0.9999999
## 30091	3	0.9999998
## 30092	2	0.9999999
## 30093	4	0.9999999
## 30094	3	0.9999999
## 30095	2	0.9999999
## 30096	4	0.9999999
## 30097	4	0.9999999
## 30098	4	0.9999999
## 30099	2	0.9999999
## 30100	2	0.9999999
## 30101	3	0.9999999
## 30102	2	0.9999999
## 30103	2	0.9999999
## 30104	3	0.9999999
## 30105	3	0.9999999
## 30106	2	0.9999999
## 30107	1	0.9999999

## 30108	2	0.9999999
## 30109	2	0.9999999
## 30110	4	0.9999999
## 30111	2	0.9999999
## 30112	4	0.9999999
## 30113	3	0.9999999
## 30114	2	0.9999999
## 30115	4	0.9999999
## 30116	4	0.9999998
## 30117	2	0.9999999
## 30118	2	0.9999999
## 30119	4	0.9999999
## 30120	3	0.9999999
## 30121	2	0.9999999
## 30122	2	0.9999999
## 30123	2	0.9999999
## 30124	3	0.9999999
## 30125	4	0.9999999
## 30126	2	0.9999999
## 30127	2	0.9999999
## 30128	4	0.9999999
## 30129	2	0.9999999
## 30130	2	0.9999999
## 30131	1	0.9999999
## 30132	2	0.9999999
## 30133	1	0.9999999
## 30134	4	0.9999999
## 30135	4	0.9999999
## 30136	3	0.9999999
## 30137	2	0.9999999
## 30138	2	0.9999999
## 30139	4	0.9999999
## 30140	3	0.9999999
## 30141	3	0.9999999
## 30142	1	0.9999998
## 30143	3	0.9999999
## 30144	2	0.9999999
## 30145	1	0.9999999
## 30146	3	0.9999999
## 30147	0	0.9999999
## 30148	2	0.9999999
## 30149	4	0.9999999
## 30150	3	0.9999999
## 30151	2	0.9999999
## 30152	2	0.9999999
## 30153	1	0.9999999
## 30154	2	0.9999999
## 30155	2	0.9999998
## 30156	2	0.9999999
## 30157	4	0.9999999
## 30158	2	0.9999999
## 30159	3	0.9999999
## 30160	1	0.9999999
## 30161	1	0.9999999

## 30162	2	0.9999999
## 30163	2	0.9999999
## 30164	2	0.9999999
## 30165	3	0.9999999
## 30166	2	0.9999999
## 30167	4	0.9999999
## 30168	2	0.9999999
## 30169	2	0.9999999
## 30170	2	0.9999999
## 30171	1	0.9999999
## 30172	2	0.9999999
## 30173	3	0.9999999
## 30174	2	0.9999999
## 30175	0	0.9999998
## 30176	3	0.9999999
## 30177	3	0.9999999
## 30178	1	0.9999999
## 30179	3	0.9999999
## 30180	0	0.9999999
## 30181	2	0.9999999
## 30182	2	0.9999999
## 30183	1	0.9999999
## 30184	2	0.9999999
## 30185	4	0.9999999
## 30186	2	0.9999999
## 30187	3	0.9999999
## 30188	4	0.9999999
## 30189	2	0.9999999
## 30190	0	0.9999999
## 30191	4	0.9999999
## 30192	1	0.9999999
## 30193	4	0.9999999
## 30194	1	0.9999999
## 30195	4	0.9999999
## 30196	1	0.9999999
## 30197	3	0.9999999
## 30198	2	0.9999999
## 30199	3	0.9999999
## 30200	2	0.9999999
## 30201	2	0.9999999
## 30202	4	0.9999999
## 30203	2	0.9999999
## 30204	2	0.9999999
## 30205	4	0.9999999
## 30206	4	0.9999999
## 30207	2	0.9999999
## 30208	1	0.9999999
## 30209	3	0.9999999
## 30210	0	0.9999999
## 30211	1	0.9999999
## 30212	2	0.9999999
## 30213	2	0.9999999
## 30214	3	0.9999999
## 30215	2	0.9999999

## 30216	4	0.9999999
## 30217	3	0.9999999
## 30218	1	0.9999998
## 30219	0	0.9999999
## 30220	3	0.9999999
## 30221	3	0.9999999
## 30222	1	0.9999999
## 30223	2	0.9999997
## 30224	3	0.9999999
## 30225	3	0.9999999
## 30226	2	0.9999999
## 30227	1	0.9999999
## 30228	2	0.9999999
## 30229	3	0.9999999
## 30230	0	0.9999999
## 30231	3	0.9999999
## 30232	2	0.9999999
## 30233	2	0.9999999
## 30234	4	0.9999999
## 30235	4	0.9999999
## 30236	3	0.9999999
## 30237	2	0.9999999
## 30238	3	0.9999999
## 30239	4	0.9999999
## 30240	2	0.9999999
## 30241	2	0.9999999
## 30242	3	0.9999999
## 30243	3	0.9999999
## 30244	0	0.9999999
## 30245	4	0.9999999
## 30246	4	0.9999999
## 30247	3	0.9999999
## 30248	2	0.9999999
## 30249	4	0.9999999
## 30250	2	0.9999999
## 30251	3	0.9999999
## 30252	1	0.9999999
## 30253	3	0.9999999
## 30254	4	0.9999999
## 30255	2	0.9999999
## 30256	2	0.9999999
## 30257	2	0.9999999
## 30258	3	0.9999999
## 30259	2	0.9999999
## 30260	4	0.9999999
## 30261	4	0.9999999
## 30262	2	0.9999999
## 30263	3	0.9999999
## 30264	2	0.9999999
## 30265	2	0.9999999
## 30266	1	0.9999999
## 30267	1	0.9999999
## 30268	2	0.9999999
## 30269	3	0.9999999

## 30270	1	0.9999999
## 30271	4	0.9999999
## 30272	3	0.9999999
## 30273	0	0.9999999
## 30274	4	0.9999999
## 30275	4	0.9999999
## 30276	3	0.9999999
## 30277	2	0.9999999
## 30278	2	0.9999999
## 30279	2	0.9999999
## 30280	2	0.9999999
## 30281	3	0.9999999
## 30282	4	0.9999999
## 30283	2	0.9999999
## 30284	2	0.9999999
## 30285	3	0.9999999
## 30286	2	0.9999999
## 30287	4	0.9999999
## 30288	4	0.9999998
## 30289	4	0.9999999
## 30290	0	0.9999999
## 30291	4	0.9999999
## 30292	2	0.9999999
## 30293	2	0.9999999
## 30294	3	0.9999999
## 30295	2	0.9999999
## 30296	4	0.9999999
## 30297	3	0.9999999
## 30298	4	0.9999999
## 30299	4	0.9999999
## 30300	2	0.9999999
## 30301	4	0.9999999
## 30302	3	0.9999999
## 30303	0	0.9999999
## 30304	2	0.9999999
## 30305	2	0.9999999
## 30306	4	0.9999999
## 30307	2	0.9999999
## 30308	3	0.9999999
## 30309	2	0.9999999
## 30310	4	0.9999999
## 30311	3	0.9999999
## 30312	2	0.9999998
## 30313	4	0.9999999
## 30314	4	0.9999999
## 30315	4	0.9999999
## 30316	3	0.9999999
## 30317	3	0.9999999
## 30318	0	0.9999999
## 30319	2	0.9999999
## 30320	2	0.9999999
## 30321	2	0.9999999
## 30322	2	0.9999999
## 30323	2	0.9999999

## 30324	1	0.9999999
## 30325	2	0.9999999
## 30326	3	0.9999999
## 30327	2	0.9999999
## 30328	3	0.9999999
## 30329	3	0.9999999
## 30330	3	0.9999999
## 30331	4	0.9999999
## 30332	4	0.9999999
## 30333	2	0.9999999
## 30334	3	0.9999999
## 30335	2	0.9999999
## 30336	0	0.9999999
## 30337	2	0.9999999
## 30338	4	0.9999999
## 30339	2	0.9999999
## 30340	2	0.9999999
## 30341	4	0.9999999
## 30342	3	0.9999999
## 30343	3	0.9999999
## 30344	4	0.9999999
## 30345	2	0.9999999
## 30346	3	0.9999999
## 30347	2	0.9999999
## 30348	3	0.9999999
## 30349	4	0.9999999
## 30350	2	0.9999999
## 30351	3	0.9999999
## 30352	3	0.9999999
## 30353	2	0.9999999
## 30354	1	0.9999999
## 30355	3	0.9999999
## 30356	4	0.9999999
## 30357	3	0.9999999
## 30358	2	0.9999999
## 30359	2	0.9999999
## 30360	3	0.9999999
## 30361	3	0.9999998
## 30362	2	0.9999999
## 30363	2	0.9999999
## 30364	4	0.9999999
## 30365	2	0.9999999
## 30366	3	0.9999999
## 30367	4	0.9999999
## 30368	2	0.9999999
## 30369	3	0.9999999
## 30370	3	0.9999999
## 30371	3	0.9999999
## 30372	3	0.9999999
## 30373	3	0.9999999
## 30374	4	0.9999999
## 30375	2	0.9999999
## 30376	2	0.9999999
## 30377	1	0.9999999

## 30378	3	0.9999999
## 30379	3	0.9999999
## 30380	4	0.9999999
## 30381	3	0.9999999
## 30382	2	0.9999999
## 30383	2	0.9999999
## 30384	3	0.9999999
## 30385	4	0.9999999
## 30386	2	0.9999999
## 30387	2	0.9999999
## 30388	4	0.9999999
## 30389	3	0.9999999
## 30390	4	0.9999999
## 30391	0	0.9999999
## 30392	2	0.9999999
## 30393	2	0.9999999
## 30394	2	0.9999999
## 30395	3	0.9999999
## 30396	3	0.9999998
## 30397	3	0.9999999
## 30398	3	0.9999999
## 30399	3	0.9999999
## 30400	2	0.9999999
## 30401	1	0.9999999
## 30402	4	0.9999999
## 30403	4	0.9999999
## 30404	0	0.9999999
## 30405	4	0.9999999
## 30406	3	0.9999999
## 30407	2	0.9999999
## 30408	3	0.9999999
## 30409	2	0.9999999
## 30410	3	0.9999999
## 30411	3	0.9999999
## 30412	4	0.9999998
## 30413	3	0.9999999
## 30414	3	0.9999999
## 30415	0	0.9999999
## 30416	2	0.9999999
## 30417	3	0.9999999
## 30418	2	0.9999999
## 30419	2	0.9999999
## 30420	2	0.9999999
## 30421	4	0.9999999
## 30422	3	0.9999999
## 30423	3	0.9999999
## 30424	2	0.9999999
## 30425	2	0.9999999
## 30426	3	0.9999998
## 30427	2	0.9999999
## 30428	2	0.9999999
## 30429	2	0.9999999
## 30430	2	0.9999999
## 30431	1	0.9999999

## 30432	3	0.9999999
## 30433	2	0.9999999
## 30434	3	0.9999999
## 30435	2	0.9999999
## 30436	3	0.9999999
## 30437	2	0.9999999
## 30438	3	0.9999999
## 30439	3	0.9999999
## 30440	4	0.9999999
## 30441	2	0.9999999
## 30442	2	0.9999999
## 30443	4	0.9999999
## 30444	0	0.9999999
## 30445	2	0.9999999
## 30446	3	0.9999999
## 30447	2	0.9999999
## 30448	2	0.9999999
## 30449	2	0.9999999
## 30450	3	0.9999999
## 30451	3	0.9999999
## 30452	3	0.9999998
## 30453	1	0.9999999
## 30454	3	0.9999999
## 30455	1	0.9999999
## 30456	4	0.9999999
## 30457	1	0.9999999
## 30458	1	0.9999999
## 30459	2	0.9999999
## 30460	2	0.9999999
## 30461	4	0.9999999
## 30462	2	0.9999999
## 30463	3	0.9999999
## 30464	4	0.9999999
## 30465	1	0.9999998
## 30466	3	0.9999999
## 30467	2	0.9999999
## 30468	2	0.9999999
## 30469	4	0.9999999
## 30470	2	0.9999999
## 30471	2	0.9999999
## 30472	3	0.9999999
## 30473	3	0.9999999
## 30474	2	0.9999999
## 30475	1	0.9999999
## 30476	4	0.9999999
## 30477	2	0.9999999
## 30478	1	0.9999999
## 30479	2	0.9999999
## 30480	4	0.9999999
## 30481	4	0.9999999
## 30482	2	0.9999999
## 30483	3	0.9999999
## 30484	3	0.9999999
## 30485	2	0.9999999

## 30486	3	0.9999999
## 30487	3	0.9999999
## 30488	2	0.9999999
## 30489	2	0.9999999
## 30490	4	0.9999999
## 30491	1	0.9999999
## 30492	3	0.9999999
## 30493	1	0.9999999
## 30494	3	0.9999999
## 30495	1	0.9999998
## 30496	0	0.9999999
## 30497	4	0.9999999
## 30498	4	0.9999999
## 30499	3	0.9999999
## 30500	4	0.9999999
## 30501	2	0.9999999
## 30502	2	0.9999999
## 30503	2	0.9999998
## 30504	0	0.9999999
## 30505	3	0.9999999
## 30506	1	0.9999999
## 30507	1	0.9999999
## 30508	3	0.9999999
## 30509	1	0.9999999
## 30510	3	0.9999999
## 30511	3	0.9999999
## 30512	3	0.9999999
## 30513	2	0.9999999
## 30514	0	0.9999999
## 30515	4	0.9999998
## 30516	3	0.9999999
## 30517	4	0.9999999
## 30518	3	0.9999999
## 30519	3	0.9999999
## 30520	2	0.9999999
## 30521	2	0.9999999
## 30522	3	0.9999999
## 30523	4	0.9999999
## 30524	2	0.9999999
## 30525	4	0.9999999
## 30526	3	0.9999999
## 30527	2	0.9999999
## 30528	3	0.9999999
## 30529	2	0.9999999
## 30530	4	0.9999999
## 30531	3	0.9999999
## 30532	1	0.9999999
## 30533	2	0.9999999
## 30534	4	0.9999999
## 30535	2	0.9999999
## 30536	1	0.9999999
## 30537	2	0.9999999
## 30538	2	0.9999999
## 30539	3	0.9999999

## 30540	2	0.9999999
## 30541	0	0.9999999
## 30542	2	0.9999999
## 30543	2	0.9999999
## 30544	3	0.9999999
## 30545	2	0.9999999
## 30546	1	0.9999999
## 30547	2	0.9999999
## 30548	2	0.9999999
## 30549	2	0.9999999
## 30550	0	0.9999999
## 30551	4	0.9999999
## 30552	4	0.9999999
## 30553	3	0.9999999
## 30554	2	0.9999998
## 30555	2	0.9999999
## 30556	2	0.9999999
## 30557	0	0.9999999
## 30558	4	0.9999999
## 30559	2	0.9999999
## 30560	2	0.9999999
## 30561	2	0.9999999
## 30562	2	0.9999999
## 30563	2	0.9999999
## 30564	3	0.9999999
## 30565	4	0.9999999
## 30566	4	0.9999999
## 30567	1	0.9999998
## 30568	2	0.9999999
## 30569	1	0.9999999
## 30570	4	0.9999999
## 30571	3	0.9999999
## 30572	3	0.9999999
## 30573	2	0.9999999
## 30574	3	0.9999999
## 30575	3	0.9999999
## 30576	1	0.9999999
## 30577	2	0.9999999
## 30578	2	0.9999999
## 30579	4	0.9999999
## 30580	2	0.9999999
## 30581	4	0.9999998
## 30582	3	0.9999999
## 30583	2	0.9999999
## 30584	2	0.9999999
## 30585	3	0.9999999
## 30586	1	0.9999999
## 30587	3	0.9999999
## 30588	1	0.9999999
## 30589	2	0.9999999
## 30590	3	0.9999999
## 30591	1	0.9999999
## 30592	2	0.9999999
## 30593	1	0.9999999

## 30594	3	0.9999998
## 30595	3	0.9999999
## 30596	3	0.9999999
## 30597	2	0.9999998
## 30598	2	0.9999999
## 30599	4	0.9999999
## 30600	2	0.9999999
## 30601	2	0.9999999
## 30602	2	0.9999999
## 30603	2	0.9999999
## 30604	3	0.9999999
## 30605	0	0.9999999
## 30606	2	0.9999999
## 30607	3	0.9999999
## 30608	2	0.9999999
## 30609	3	0.9999999
## 30610	2	0.9999999
## 30611	1	0.9999999
## 30612	4	0.9999999
## 30613	2	0.9999999
## 30614	2	0.9999999
## 30615	3	0.9999999
## 30616	4	0.9999999
## 30617	4	0.9999999
## 30618	1	0.9999999
## 30619	3	0.9999999
## 30620	3	0.9999999
## 30621	3	0.9999998
## 30622	4	0.9999999
## 30623	2	0.9999999
## 30624	4	0.9999999
## 30625	2	0.9999999
## 30626	3	0.9999999
## 30627	4	0.9999998
## 30628	2	0.9999999
## 30629	2	0.9999999
## 30630	0	0.9999999
## 30631	3	0.9999999
## 30632	4	0.9999999
## 30633	2	0.9999999
## 30634	4	0.9999999
## 30635	1	0.9999999
## 30636	1	0.9999999
## 30637	2	0.9999999
## 30638	2	0.9999999
## 30639	3	0.9999999
## 30640	1	0.9999999
## 30641	1	0.9999999
## 30642	3	0.9999999
## 30643	2	0.9999999
## 30644	2	0.9999999
## 30645	2	0.9999999
## 30646	2	0.9999999
## 30647	3	0.9999999

## 30648	2	0.9999999
## 30649	3	0.9999999
## 30650	4	0.9999999
## 30651	2	0.9999999
## 30652	4	0.9999999
## 30653	3	0.9999999
## 30654	4	0.9999999
## 30655	2	0.9999999
## 30656	3	0.9999999
## 30657	3	0.9999999
## 30658	3	0.9999999
## 30659	2	0.9999999
## 30660	0	0.9999999
## 30661	4	0.9999999
## 30662	2	0.9999999
## 30663	2	0.9999999
## 30664	4	0.9999999
## 30665	3	0.9999999
## 30666	2	0.9999999
## 30667	2	0.9999999
## 30668	2	0.9999997
## 30669	4	0.9999999
## 30670	3	0.9999999
## 30671	3	0.9999999
## 30672	4	0.9999999
## 30673	0	0.9999999
## 30674	2	0.9999999
## 30675	3	0.9999999
## 30676	2	0.9999999
## 30677	1	0.9999999
## 30678	3	0.9999999
## 30679	2	0.9999999
## 30680	3	0.9999999
## 30681	1	0.9999999
## 30682	3	0.9999999
## 30683	3	0.9999999
## 30684	2	0.9999999
## 30685	3	0.9999999
## 30686	3	0.9999999
## 30687	4	0.9999999
## 30688	3	0.9999999
## 30689	4	0.9999999
## 30690	3	0.9999999
## 30691	4	0.9999999
## 30692	4	0.9999999
## 30693	3	0.9999999
## 30694	1	0.9999999
## 30695	3	0.9999999
## 30696	2	0.9999999
## 30697	2	0.9999998
## 30698	2	0.9999999
## 30699	2	0.9999999
## 30700	2	0.9999999
## 30701	3	0.9999999

## 30702	4	0.9999999
## 30703	2	0.9999999
## 30704	3	0.9999999
## 30705	4	0.9999999
## 30706	2	0.9999999
## 30707	3	0.9999999
## 30708	2	0.9999998
## 30709	4	0.9999999
## 30710	4	0.9999999
## 30711	4	0.9999999
## 30712	2	0.9999999
## 30713	2	0.9999999
## 30714	4	0.9999999
## 30715	2	0.9999999
## 30716	4	0.9999999
## 30717	4	0.9999999
## 30718	2	0.9999999
## 30719	3	0.9999999
## 30720	3	0.9999999
## 30721	1	0.9999999
## 30722	3	0.9999999
## 30723	4	0.9999999
## 30724	2	0.9999999
## 30725	1	0.9999999
## 30726	1	0.9999999
## 30727	2	0.9999999
## 30728	2	0.9999999
## 30729	2	0.9999999
## 30730	2	0.9999999
## 30731	2	0.9999999
## 30732	2	0.9999999
## 30733	2	0.9999999
## 30734	2	0.9999999
## 30735	0	0.9999998
## 30736	2	0.9999999
## 30737	4	0.9999999
## 30738	4	0.9999999
## 30739	3	0.9999999
## 30740	3	0.9999999
## 30741	1	0.9999999
## 30742	2	0.9999999
## 30743	4	0.9999999
## 30744	1	0.9999999
## 30745	2	0.9999999
## 30746	4	0.9999999
## 30747	2	0.9999999
## 30748	4	0.9999999
## 30749	3	0.9999999
## 30750	3	0.9999999
## 30751	2	0.9999999
## 30752	2	0.9999999
## 30753	3	0.9999999
## 30754	2	0.9999999
## 30755	4	0.9999999

## 30756	2	0.9999999
## 30757	2	0.9999999
## 30758	4	0.9999999
## 30759	2	0.9999999
## 30760	2	0.9999999
## 30761	4	0.9999999
## 30762	3	0.9999999
## 30763	3	0.9999999
## 30764	2	0.9999999
## 30765	4	0.9999999
## 30766	4	0.9999999
## 30767	2	0.9999999
## 30768	2	0.9999999
## 30769	4	0.9999999
## 30770	2	0.9999999
## 30771	2	0.9999999
## 30772	3	0.9999999
## 30773	2	0.9999999
## 30774	2	0.9999999
## 30775	2	0.9999999
## 30776	4	0.9999999
## 30777	2	0.9999999
## 30778	2	0.9999999
## 30779	2	0.9999999
## 30780	2	0.9999999
## 30781	4	0.9999998
## 30782	2	0.9999999
## 30783	1	0.9999998
## 30784	3	0.9999999
## 30785	2	0.9999998
## 30786	2	0.9999999
## 30787	4	0.9999999
## 30788	1	0.9999999
## 30789	3	0.9999999
## 30790	2	0.9999999
## 30791	2	0.9999999
## 30792	2	0.9999999
## 30793	3	0.9999999
## 30794	3	0.9999999
## 30795	3	0.9999999
## 30796	2	0.9999999
## 30797	3	0.9999999
## 30798	3	0.9999999
## 30799	3	0.9999999
## 30800	1	0.9999999
## 30801	2	0.9999999
## 30802	4	0.9999999
## 30803	2	0.9999999
## 30804	2	0.9999999
## 30805	2	0.9999999
## 30806	4	0.9999999
## 30807	3	0.9999999
## 30808	3	0.9999999
## 30809	1	0.9999999

## 30810	4	0.9999999
## 30811	2	0.9999999
## 30812	3	0.9999999
## 30813	4	0.9999999
## 30814	2	0.9999999
## 30815	3	0.9999999
## 30816	3	0.9999999
## 30817	3	0.9999999
## 30818	4	0.9999999
## 30819	4	0.9999999
## 30820	2	0.9999999
## 30821	3	0.9999999
## 30822	3	0.9999999
## 30823	2	0.9999999
## 30824	3	0.9999999
## 30825	3	0.9999999
## 30826	4	0.9999999
## 30827	4	0.9999998
## 30828	2	0.9999999
## 30829	2	0.9999999
## 30830	2	0.9999998
## 30831	3	0.9999999
## 30832	2	0.9999999
## 30833	2	0.9999999
## 30834	3	0.9999999
## 30835	2	0.9999999
## 30836	2	0.9999999
## 30837	3	0.9999999
## 30838	2	0.9999999
## 30839	1	0.9999999
## 30840	1	0.9999999
## 30841	4	0.9999999
## 30842	3	0.9999999
## 30843	1	0.9999999
## 30844	3	0.9999998
## 30845	3	0.9999999
## 30846	4	0.9999999
## 30847	1	0.9999999
## 30848	2	0.9999999
## 30849	4	0.9999999
## 30850	2	0.9999999
## 30851	2	0.9999999
## 30852	2	0.9999999
## 30853	4	0.9999999
## 30854	2	0.9999999
## 30855	3	0.9999999
## 30856	3	0.9999999
## 30857	1	0.9999999
## 30858	1	0.9999999
## 30859	4	0.9999999
## 30860	0	0.9999999
## 30861	3	0.9999999
## 30862	2	0.9999999
## 30863	2	0.9999999

## 30864	2	0.9999999
## 30865	3	0.9999999
## 30866	4	0.9999999
## 30867	2	0.9999999
## 30868	2	0.9999999
## 30869	2	0.9999999
## 30870	2	0.9999999
## 30871	3	0.9999999
## 30872	3	0.9999999
## 30873	3	0.9999998
## 30874	4	0.9999999
## 30875	4	0.9999999
## 30876	2	0.9999999
## 30877	3	0.9999999
## 30878	4	0.9999999
## 30879	3	0.9999999
## 30880	2	0.9999999
## 30881	3	0.9999999
## 30882	3	0.9999999
## 30883	3	0.9999999
## 30884	4	0.9999999
## 30885	4	0.9999999
## 30886	2	0.9999999
## 30887	1	0.9999999
## 30888	4	0.9999999
## 30889	3	0.9999999
## 30890	1	0.9999999
## 30891	3	0.9999999
## 30892	3	0.9999999
## 30893	4	0.9999999
## 30894	3	0.9999999
## 30895	4	0.9999999
## 30896	2	0.9999999
## 30897	2	0.9999999
## 30898	3	0.9999999
## 30899	2	0.9999999
## 30900	4	0.9999999
## 30901	2	0.9999999
## 30902	1	0.9999999
## 30903	3	0.9999999
## 30904	3	0.9999999
## 30905	3	0.9999999
## 30906	2	0.9999999
## 30907	4	0.9999998
## 30908	2	0.9999999
## 30909	4	0.9999999
## 30910	2	0.9999999
## 30911	3	0.9999999
## 30912	1	0.9999999
## 30913	2	0.9999999
## 30914	2	0.9999999
## 30915	3	0.9999999
## 30916	2	0.9999999
## 30917	3	0.9999999

## 30918	2	0.9999999
## 30919	3	0.9999999
## 30920	3	0.9999999
## 30921	3	0.9999999
## 30922	2	0.9999999
## 30923	4	0.9999999
## 30924	3	0.9999999
## 30925	4	0.9999999
## 30926	2	0.9999999
## 30927	3	0.9999999
## 30928	4	0.9999999
## 30929	2	0.9999999
## 30930	2	0.9999999
## 30931	1	0.9999999
## 30932	2	0.9999999
## 30933	4	0.9999999
## 30934	3	0.9999999
## 30935	4	0.9999999
## 30936	2	0.9999999
## 30937	2	0.9999999
## 30938	3	0.9999999
## 30939	2	0.9999999
## 30940	2	0.9999999
## 30941	1	0.9999999
## 30942	3	0.9999999
## 30943	0	0.9999999
## 30944	0	0.9999999
## 30945	4	0.9999999
## 30946	4	0.9999999
## 30947	3	0.9999999
## 30948	0	0.9999999
## 30949	4	0.9999999
## 30950	4	0.9999999
## 30951	1	0.9999999
## 30952	2	0.9999999
## 30953	4	0.9999999
## 30954	3	0.9999999
## 30955	4	0.9999999
## 30956	2	0.9999999
## 30957	3	0.9999999
## 30958	2	0.9999999
## 30959	1	0.9999999
## 30960	2	0.9999999
## 30961	3	0.9999999
## 30962	4	0.9999999
## 30963	2	0.9999999
## 30964	2	0.9999999
## 30965	3	0.9999999
## 30966	2	0.9999999
## 30967	3	0.9999999
## 30968	1	0.9999999
## 30969	3	0.9999999
## 30970	1	0.9999999
## 30971	3	0.9999999

## 30972	0	0.9999999
## 30973	3	0.9999999
## 30974	3	0.9999999
## 30975	4	0.9999999
## 30976	2	0.9999999
## 30977	2	0.9999999
## 30978	3	0.9999999
## 30979	4	0.9999999
## 30980	2	0.9999999
## 30981	3	0.9999999
## 30982	2	0.9999999
## 30983	4	0.9999999
## 30984	2	0.9999999
## 30985	3	0.9999999
## 30986	2	0.9999999
## 30987	2	0.9999999
## 30988	2	0.9999999
## 30989	3	0.9999999
## 30990	1	0.9999999
## 30991	2	0.9999999
## 30992	2	0.9999999
## 30993	4	0.9999999
## 30994	2	0.9999999
## 30995	1	0.9999999
## 30996	3	0.9999999
## 30997	2	0.9999999
## 30998	4	0.9999999
## 30999	1	0.9999998
## 31000	3	0.9999999
## 31001	2	0.9999999
## 31002	2	0.9999999
## 31003	3	0.9999999
## 31004	4	0.9999999
## 31005	3	0.9999999
## 31006	4	0.9999999
## 31007	1	0.9999999
## 31008	1	0.9999999
## 31009	4	0.9999999
## 31010	4	0.9999999
## 31011	3	0.9999999
## 31012	3	0.9999999
## 31013	1	0.9999999
## 31014	4	0.9999998
## 31015	2	0.9999999
## 31016	4	0.9999999
## 31017	3	0.9999999
## 31018	2	0.9999999
## 31019	3	0.9999999
## 31020	2	0.9999999
## 31021	2	0.9999999
## 31022	4	0.9999998
## 31023	2	0.9999999
## 31024	2	0.9999999
## 31025	3	0.9999999

## 31026	2	0.9999999
## 31027	2	0.9999999
## 31028	3	0.9999999
## 31029	1	0.9999999
## 31030	3	0.9999999
## 31031	0	0.9999999
## 31032	2	0.9999999
## 31033	4	0.9999999
## 31034	3	0.9999999
## 31035	2	0.9999999
## 31036	4	0.9999998
## 31037	4	0.9999999
## 31038	1	0.9999999
## 31039	2	0.9999999
## 31040	2	0.9999999
## 31041	4	0.9999999
## 31042	1	0.9999999
## 31043	2	0.9999999
## 31044	3	0.9999999
## 31045	4	0.9999999
## 31046	2	0.9999999
## 31047	0	0.9999999
## 31048	2	0.9999999
## 31049	4	0.9999999
## 31050	3	0.9999999
## 31051	3	0.9999999
## 31052	2	0.9999998
## 31053	4	0.9999999
## 31054	3	0.9999999
## 31055	4	0.9999999
## 31056	2	0.9999999
## 31057	4	0.9999999
## 31058	3	0.9999999
## 31059	3	0.9999999
## 31060	2	0.9999999
## 31061	2	0.9999999
## 31062	2	0.9999999
## 31063	4	0.9999999
## 31064	4	0.9999999
## 31065	2	0.9999999
## 31066	2	0.9999999
## 31067	2	0.9999999
## 31068	4	0.9999999
## 31069	2	0.9999999
## 31070	2	0.9999999
## 31071	3	0.9999999
## 31072	4	0.9999999
## 31073	4	0.9999999
## 31074	2	0.9999999
## 31075	2	0.9999999
## 31076	3	0.9999999
## 31077	4	0.9999998
## 31078	1	0.9999999
## 31079	4	0.9999999

## 31080	4	0.9999999
## 31081	4	0.9999999
## 31082	2	0.9999999
## 31083	4	0.9999999
## 31084	2	0.9999998
## 31085	3	0.9999999
## 31086	4	0.9999999
## 31087	4	0.9999999
## 31088	2	0.9999999
## 31089	2	0.9999999
## 31090	3	0.9999999
## 31091	2	0.9999999
## 31092	2	0.9999999
## 31093	2	0.9999999
## 31094	2	0.9999999
## 31095	3	0.9999999
## 31096	2	0.9999999
## 31097	3	0.9999998
## 31098	3	0.9999999
## 31099	2	0.9999999
## 31100	1	0.9999999
## 31101	2	0.9999999
## 31102	3	0.9999999
## 31103	2	0.9999999
## 31104	2	0.9999999
## 31105	4	0.9999999
## 31106	3	0.9999998
## 31107	4	0.9999999
## 31108	3	0.9999999
## 31109	2	0.9999999
## 31110	2	0.9999999
## 31111	2	0.9999999
## 31112	4	0.9999999
## 31113	2	0.9999999
## 31114	2	0.9999999
## 31115	3	0.9999999
## 31116	2	0.9999999
## 31117	4	0.9999998
## 31118	4	0.9999999
## 31119	3	0.9999999
## 31120	2	0.9999999
## 31121	4	0.9999999
## 31122	2	0.9999999
## 31123	1	0.9999998
## 31124	4	0.9999999
## 31125	2	0.9999999
## 31126	2	0.9999999
## 31127	3	0.9999999
## 31128	2	0.9999999
## 31129	4	0.9999999
## 31130	2	0.9999999
## 31131	2	0.9999999
## 31132	4	0.9999999
## 31133	1	0.9999999

## 31134	3	0.9999999
## 31135	1	0.9999999
## 31136	3	0.9999998
## 31137	1	0.9999999
## 31138	3	0.9999999
## 31139	2	0.9999999
## 31140	3	0.9999999
## 31141	3	0.9999999
## 31142	2	0.9999999
## 31143	4	0.9999999
## 31144	3	0.9999999
## 31145	2	0.9999999
## 31146	4	0.9999999
## 31147	2	0.9999999
## 31148	2	0.9999999
## 31149	3	0.9999999
## 31150	0	0.9999999
## 31151	4	0.9999999
## 31152	0	0.9999999
## 31153	2	0.9999999
## 31154	2	0.9999998
## 31155	1	0.9999999
## 31156	4	0.9999999
## 31157	4	0.9999998
## 31158	4	0.9999999
## 31159	4	0.9999999
## 31160	4	0.9999998
## 31161	2	0.9999999
## 31162	1	0.9999999
## 31163	2	0.9999999
## 31164	1	0.9999999
## 31165	2	0.9999999
## 31166	4	0.9999999
## 31167	2	0.9999999
## 31168	2	0.9999999
## 31169	4	0.9999999
## 31170	2	0.9999999
## 31171	3	0.9999999
## 31172	2	0.9999999
## 31173	2	0.9999999
## 31174	2	0.9999999
## 31175	2	0.9999998
## 31176	2	0.9999999
## 31177	4	0.9999999
## 31178	4	0.9999999
## 31179	3	0.9999999
## 31180	1	0.9999999
## 31181	1	0.9999999
## 31182	2	0.9999998
## 31183	3	0.9999999
## 31184	2	0.9999999
## 31185	3	0.9999999
## 31186	3	0.9999998
## 31187	4	0.9999999

## 31188	2	0.9999999
## 31189	2	0.9999999
## 31190	2	0.9999999
## 31191	1	0.9999999
## 31192	3	0.9999999
## 31193	2	0.9999999
## 31194	4	0.9999999
## 31195	4	0.9999999
## 31196	2	0.9999999
## 31197	2	0.9999999
## 31198	2	0.9999999
## 31199	1	0.9999999
## 31200	3	0.9999999
## 31201	2	0.9999999
## 31202	2	0.9999999
## 31203	3	0.9999999
## 31204	2	0.9999999
## 31205	2	0.9999999
## 31206	2	0.9999999
## 31207	1	0.9999999
## 31208	2	0.9999999
## 31209	4	0.9999999
## 31210	2	0.9999999
## 31211	4	0.9999999
## 31212	4	0.9999999
## 31213	1	0.9999999
## 31214	0	0.9999999
## 31215	4	0.9999998
## 31216	1	0.9999999
## 31217	4	0.9999998
## 31218	2	0.9999999
## 31219	3	0.9999999
## 31220	0	0.9999998
## 31221	2	0.9999998
## 31222	2	0.9999999
## 31223	3	0.9999999
## 31224	1	0.9999999
## 31225	4	0.9999999
## 31226	4	0.9999998
## 31227	1	0.9999999
## 31228	2	0.9999999
## 31229	1	0.9999998
## 31230	0	0.9999999
## 31231	1	0.9999999
## 31232	4	0.9999999
## 31233	4	0.9999999
## 31234	3	0.9999999
## 31235	2	0.9999999
## 31236	2	0.9999999
## 31237	4	0.9999999
## 31238	4	0.9999999
## 31239	4	0.9999999
## 31240	4	0.9999999
## 31241	2	0.9999998

## 31242	3	0.9999999
## 31243	2	0.9999999
## 31244	2	0.9999999
## 31245	3	0.9999999
## 31246	3	0.9999999
## 31247	2	0.9999999
## 31248	4	0.9999999
## 31249	2	0.9999999
## 31250	3	0.9999999
## 31251	3	0.9999999
## 31252	3	0.9999999
## 31253	2	0.9999999
## 31254	2	0.9999999
## 31255	2	0.9999999
## 31256	3	0.9999999
## 31257	3	0.9999999
## 31258	3	0.9999999
## 31259	4	0.9999999
## 31260	4	0.9999999
## 31261	4	0.9999999
## 31262	1	0.9999998
## 31263	4	0.9999999
## 31264	4	0.9999999
## 31265	4	0.9999999
## 31266	3	0.9999999
## 31267	4	0.9999999
## 31268	3	0.9999999
## 31269	1	0.9999999
## 31270	2	0.9999999
## 31271	4	0.9999999
## 31272	2	0.9999999
## 31273	2	0.9999999
## 31274	3	0.9999999
## 31275	2	0.9999999
## 31276	3	0.9999998
## 31277	1	0.9999999
## 31278	2	0.9999999
## 31279	2	0.9999999
## 31280	2	0.9999999
## 31281	1	0.9999999
## 31282	2	0.9999999
## 31283	2	0.9999999
## 31284	2	0.9999999
## 31285	3	0.9999999
## 31286	3	0.9999999
## 31287	1	0.9999999
## 31288	2	0.9999999
## 31289	4	0.9999999
## 31290	2	0.9999999
## 31291	4	0.9999999
## 31292	3	0.9999999
## 31293	3	0.9999999
## 31294	2	0.9999999
## 31295	2	0.9999999

## 31296	3	0.9999998
## 31297	2	0.9999999
## 31298	2	0.9999999
## 31299	3	0.9999999
## 31300	3	0.9999999
## 31301	1	0.9999999
## 31302	4	0.9999999
## 31303	2	0.9999999
## 31304	2	0.9999999
## 31305	4	0.9999999
## 31306	4	0.9999999
## 31307	1	0.9999999
## 31308	3	0.9999999
## 31309	2	0.9999999
## 31310	2	0.9999999
## 31311	1	0.9999999
## 31312	4	0.9999999
## 31313	1	0.9999999
## 31314	0	0.9999999
## 31315	2	0.9999999
## 31316	3	0.9999999
## 31317	2	0.9999999
## 31318	1	0.9999999
## 31319	3	0.9999998
## 31320	3	0.9999999
## 31321	3	0.9999998
## 31322	2	0.9999999
## 31323	3	0.9999999
## 31324	2	0.9999999
## 31325	2	0.9999999
## 31326	3	0.9999999
## 31327	2	0.9999999
## 31328	2	0.9999999
## 31329	4	0.9999999
## 31330	4	0.9999999
## 31331	2	0.9999999
## 31332	2	0.9999999
## 31333	4	0.9999999
## 31334	4	0.9999999
## 31335	2	0.9999999
## 31336	4	0.9999999
## 31337	2	0.9999999
## 31338	3	0.9999999
## 31339	4	0.9999999
## 31340	4	0.9999999
## 31341	2	0.9999999
## 31342	3	0.9999999
## 31343	4	0.9999999
## 31344	3	0.9999999
## 31345	2	0.9999999
## 31346	4	0.9999998
## 31347	3	0.9999999
## 31348	4	0.9999999
## 31349	2	0.9999999

## 31350	3	0.9999999
## 31351	4	0.9999999
## 31352	0	0.9999999
## 31353	2	0.9999999
## 31354	3	0.9999998
## 31355	1	0.9999999
## 31356	2	0.9999999
## 31357	2	0.9999999
## 31358	1	0.9999999
## 31359	2	0.9999998
## 31360	2	0.9999999
## 31361	2	0.9999999
## 31362	2	0.9999999
## 31363	3	0.9999999
## 31364	2	0.9999998
## 31365	2	0.9999999
## 31366	2	0.9999998
## 31367	1	0.9999999
## 31368	1	0.9999999
## 31369	3	0.9999999
## 31370	4	0.9999999
## 31371	2	0.9999999
## 31372	1	0.9999999
## 31373	1	0.9999999
## 31374	2	0.9999999
## 31375	4	0.9999999
## 31376	3	0.9999999
## 31377	2	0.9999999
## 31378	2	0.9999999
## 31379	3	0.9999999
## 31380	2	0.9999999
## 31381	2	0.9999999
## 31382	3	0.9999999
## 31383	2	0.9999999
## 31384	2	0.9999999
## 31385	4	0.9999999
## 31386	3	0.9999999
## 31387	2	0.9999999
## 31388	3	0.9999999
## 31389	3	0.9999999
## 31390	3	0.9999999
## 31391	2	0.9999998
## 31392	2	0.9999999
## 31393	2	0.9999999
## 31394	2	0.9999999
## 31395	3	0.9999999
## 31396	3	0.9999999
## 31397	3	0.9999999
## 31398	0	0.9999999
## 31399	3	0.9999999
## 31400	2	0.9999999
## 31401	2	0.9999998
## 31402	4	0.9999999
## 31403	3	0.9999999

## 31404	3	0.9999999
## 31405	4	0.9999999
## 31406	2	0.9999999
## 31407	2	0.9999999
## 31408	3	0.9999999
## 31409	2	0.9999999
## 31410	2	0.9999999
## 31411	2	0.9999999
## 31412	2	0.9999999
## 31413	3	0.9999999
## 31414	3	0.9999999
## 31415	3	0.9999999
## 31416	3	0.9999999
## 31417	2	0.9999999
## 31418	2	0.9999999
## 31419	0	0.9999999
## 31420	4	0.9999999
## 31421	3	0.9999999
## 31422	4	0.9999999
## 31423	2	0.9999999
## 31424	2	0.9999999
## 31425	3	0.9999999
## 31426	4	0.9999999
## 31427	2	0.9999999
## 31428	2	0.9999999
## 31429	4	0.9999999
## 31430	3	0.9999999
## 31431	2	0.9999999
## 31432	2	0.9999999
## 31433	2	0.9999999
## 31434	2	0.9999999
## 31435	1	0.9999999
## 31436	2	0.9999999
## 31437	2	0.9999999
## 31438	3	0.9999999
## 31439	3	0.9999999
## 31440	3	0.9999999
## 31441	3	0.9999999
## 31442	3	0.9999999
## 31443	4	0.9999999
## 31444	1	0.9999999
## 31445	4	0.9999999
## 31446	4	0.9999999
## 31447	4	0.9999999
## 31448	3	0.9999999
## 31449	4	0.9999999
## 31450	4	0.9999999
## 31451	2	0.9999999
## 31452	4	0.9999999
## 31453	3	0.9999999
## 31454	3	0.9999998
## 31455	2	0.9999999
## 31456	2	0.9999999
## 31457	4	0.9999999

## 31458	1	0.9999999
## 31459	4	0.9999999
## 31460	3	0.9999999
## 31461	2	0.9999999
## 31462	1	0.9999999
## 31463	2	0.9999999
## 31464	3	0.9999999
## 31465	2	0.9999999
## 31466	3	0.9999999
## 31467	4	0.9999999
## 31468	2	0.9999999
## 31469	4	0.9999999
## 31470	4	0.9999999
## 31471	4	0.9999999
## 31472	3	0.9999999
## 31473	2	0.9999999
## 31474	0	0.9999999
## 31475	4	0.9999999
## 31476	3	0.9999999
## 31477	2	0.9999999
## 31478	4	0.9999999
## 31479	2	0.9999999
## 31480	2	0.9999999
## 31481	4	0.9999999
## 31482	2	0.9999998
## 31483	2	0.9999999
## 31484	1	0.9999999
## 31485	2	0.9999999
## 31486	4	0.9999999
## 31487	4	0.9999999
## 31488	4	0.9999999
## 31489	0	0.9999999
## 31490	1	0.9999999
## 31491	2	0.9999999
## 31492	1	0.9999998
## 31493	2	0.9999999
## 31494	4	0.9999999
## 31495	2	0.9999999
## 31496	2	0.9999999
## 31497	4	0.9999999
## 31498	2	0.9999999
## 31499	4	0.9999999
## 31500	2	0.9999999
## 31501	3	0.9999999
## 31502	2	0.9999999
## 31503	4	0.9999999
## 31504	2	0.9999999
## 31505	2	0.9999999
## 31506	4	0.9999999
## 31507	4	0.9999999
## 31508	3	0.9999999
## 31509	4	0.9999999
## 31510	0	0.9999999
## 31511	2	0.9999999

## 31512	1	0.9999999
## 31513	2	0.9999999
## 31514	2	0.9999999
## 31515	0	0.9999999
## 31516	2	0.9999999
## 31517	2	0.9999999
## 31518	3	0.9999999
## 31519	3	0.9999999
## 31520	1	0.9999999
## 31521	2	0.9999999
## 31522	4	0.9999999
## 31523	3	0.9999999
## 31524	4	0.9999999
## 31525	4	0.9999999
## 31526	3	0.9999999
## 31527	4	0.9999999
## 31528	3	0.9999999
## 31529	1	0.9999999
## 31530	1	0.9999999
## 31531	3	0.9999999
## 31532	3	0.9999999
## 31533	2	0.9999999
## 31534	3	0.9999999
## 31535	2	0.9999999
## 31536	0	0.9999999
## 31537	3	0.9999999
## 31538	2	0.9999999
## 31539	2	0.9999999
## 31540	4	0.9999999
## 31541	3	0.9999999
## 31542	4	0.9999999
## 31543	4	0.9999999
## 31544	2	0.9999999
## 31545	4	0.9999999
## 31546	2	0.9999999
## 31547	2	0.9999999
## 31548	2	0.9999999
## 31549	2	0.9999999
## 31550	1	0.9999999
## 31551	3	0.9999998
## 31552	3	0.9999999
## 31553	3	0.9999999
## 31554	4	0.9999999
## 31555	2	0.9999999
## 31556	3	0.9999999
## 31557	2	0.9999999
## 31558	1	0.9999999
## 31559	4	0.9999999
## 31560	1	0.9999999
## 31561	2	0.9999999
## 31562	3	0.9999999
## 31563	1	0.9999999
## 31564	3	0.9999999
## 31565	3	0.9999999

## 31566	4	0.9999999
## 31567	2	0.9999999
## 31568	2	0.9999999
## 31569	4	0.9999999
## 31570	4	0.9999999
## 31571	2	0.9999999
## 31572	1	0.9999999
## 31573	3	0.9999999
## 31574	4	0.9999999
## 31575	1	0.9999999
## 31576	3	0.9999999
## 31577	4	0.9999999
## 31578	2	0.9999999
## 31579	4	0.9999999
## 31580	3	0.9999998
## 31581	3	0.9999998
## 31582	3	0.9999999
## 31583	4	0.9999999
## 31584	2	0.9999999
## 31585	3	0.9999999
## 31586	2	0.9999999
## 31587	2	0.9999999
## 31588	2	0.9999999
## 31589	2	0.9999999
## 31590	2	0.9999999
## 31591	1	0.9999999
## 31592	4	0.9999999
## 31593	2	0.9999999
## 31594	1	0.9999999
## 31595	4	0.9999999
## 31596	4	0.9999999
## 31597	3	0.9999999
## 31598	2	0.9999999
## 31599	2	0.9999999
## 31600	4	0.9999999
## 31601	2	0.9999999
## 31602	0	0.9999999
## 31603	2	0.9999999
## 31604	1	0.9999999
## 31605	2	0.9999998
## 31606	4	0.9999999
## 31607	4	0.9999999
## 31608	4	0.9999999
## 31609	3	0.9999999
## 31610	0	0.9999999
## 31611	3	0.9999999
## 31612	2	0.9999999
## 31613	3	0.9999999
## 31614	3	0.9999999
## 31615	1	0.9999999
## 31616	0	0.9999999
## 31617	4	0.9999999
## 31618	4	0.9999999
## 31619	4	0.9999999

## 31620	2	0.9999999
## 31621	2	0.9999999
## 31622	2	0.9999999
## 31623	3	0.9999999
## 31624	1	0.9999999
## 31625	3	0.9999999
## 31626	2	0.9999999
## 31627	2	0.9999999
## 31628	4	0.9999998
## 31629	2	0.9999999
## 31630	1	0.9999999
## 31631	3	0.9999999
## 31632	2	0.9999999
## 31633	4	0.9999999
## 31634	2	0.9999999
## 31635	2	0.9999999
## 31636	2	0.9999999
## 31637	3	0.9999999
## 31638	4	0.9999999
## 31639	2	0.9999999
## 31640	4	0.9999999
## 31641	4	0.9999999
## 31642	2	0.9999999
## 31643	2	0.9999999
## 31644	3	0.9999999
## 31645	3	0.9999999
## 31646	3	0.9999999
## 31647	3	0.9999999
## 31648	3	0.9999999
## 31649	2	0.9999999
## 31650	2	0.9999999
## 31651	4	0.9999998
## 31652	4	0.9999999
## 31653	4	0.9999999
## 31654	2	0.9999999
## 31655	3	0.9999999
## 31656	2	0.9999999
## 31657	4	0.9999999
## 31658	4	0.9999999
## 31659	4	0.9999999
## 31660	4	0.9999999
## 31661	4	0.9999999
## 31662	3	0.9999999
## 31663	3	0.9999999
## 31664	0	0.9999999
## 31665	3	0.9999999
## 31666	4	0.9999999
## 31667	2	0.9999999
## 31668	2	0.9999999
## 31669	0	0.9999999
## 31670	2	0.9999999
## 31671	3	0.9999999
## 31672	2	0.9999999
## 31673	4	0.9999999

## 31674	2	0.9999999
## 31675	1	0.9999999
## 31676	2	0.9999999
## 31677	3	0.9999999
## 31678	4	0.9999999
## 31679	2	0.9999999
## 31680	4	0.9999999
## 31681	2	0.9999999
## 31682	3	0.9999999
## 31683	0	0.9999999
## 31684	4	0.9999999
## 31685	2	0.9999999
## 31686	2	0.9999999
## 31687	3	0.9999998
## 31688	2	0.9999999
## 31689	3	0.9999999
## 31690	3	0.9999999
## 31691	2	0.9999999
## 31692	2	0.9999999
## 31693	4	0.9999999
## 31694	4	0.9999998
## 31695	4	0.9999999
## 31696	3	0.9999999
## 31697	2	0.9999999
## 31698	4	0.9999999
## 31699	2	0.9999999
## 31700	2	0.9999999
## 31701	2	0.9999999
## 31702	3	0.9999999
## 31703	2	0.9999999
## 31704	2	0.9999999
## 31705	3	0.9999999
## 31706	4	0.9999999
## 31707	0	0.9999999
## 31708	1	0.9999998
## 31709	3	0.9999999
## 31710	4	0.9999999
## 31711	2	0.9999999
## 31712	3	0.9999999
## 31713	2	0.9999999
## 31714	3	0.9999999
## 31715	3	0.9999999
## 31716	3	0.9999999
## 31717	4	0.9999999
## 31718	2	0.9999999
## 31719	1	0.9999999
## 31720	1	0.9999999
## 31721	2	0.9999999
## 31722	2	0.9999999
## 31723	3	0.9999999
## 31724	2	0.9999999
## 31725	2	0.9999998
## 31726	1	0.9999999
## 31727	3	0.9999999

## 31728	3	0.9999999
## 31729	2	0.9999999
## 31730	3	0.9999999
## 31731	2	0.9999999
## 31732	2	0.9999999
## 31733	2	0.9999999
## 31734	4	0.9999999
## 31735	3	0.9999999
## 31736	2	0.9999999
## 31737	4	0.9999999
## 31738	2	0.9999999
## 31739	3	0.9999999
## 31740	3	0.9999999
## 31741	2	0.9999999
## 31742	2	0.9999999
## 31743	2	0.9999999
## 31744	2	0.9999999
## 31745	3	0.9999999
## 31746	2	0.9999999
## 31747	3	0.9999999
## 31748	4	0.9999998
## 31749	3	0.9999999
## 31750	4	0.9999999
## 31751	2	0.9999999
## 31752	2	0.9999999
## 31753	4	0.9999998
## 31754	2	0.9999999
## 31755	2	0.9999998
## 31756	4	0.9999999
## 31757	2	0.9999999
## 31758	3	0.9999999
## 31759	4	0.9999999
## 31760	2	0.9999999
## 31761	1	0.9999999
## 31762	4	0.9999999
## 31763	2	0.9999999
## 31764	0	0.9999999
## 31765	2	0.9999999
## 31766	4	0.9999999
## 31767	2	0.9999999
## 31768	2	0.9999999
## 31769	3	0.9999999
## 31770	3	0.9999999
## 31771	2	0.9999999
## 31772	2	0.9999999
## 31773	4	0.9999999
## 31774	3	0.9999999
## 31775	3	0.9999999
## 31776	3	0.9999999
## 31777	4	0.9999998
## 31778	4	0.9999999
## 31779	4	0.9999999
## 31780	4	0.9999999
## 31781	2	0.9999999

## 31782	3	0.9999999
## 31783	2	0.9999999
## 31784	3	0.9999999
## 31785	2	0.9999999
## 31786	3	0.9999999
## 31787	4	0.9999999
## 31788	2	0.9999999
## 31789	4	0.9999999
## 31790	3	0.9999999
## 31791	2	0.9999999
## 31792	2	0.9999999
## 31793	1	0.9999999
## 31794	2	0.9999999
## 31795	0	0.9999998
## 31796	2	0.9999999
## 31797	3	0.9999999
## 31798	3	0.9999999
## 31799	2	0.9999999
## 31800	1	0.9999999
## 31801	2	0.9999999
## 31802	1	0.9999999
## 31803	1	0.9999999
## 31804	2	0.9999999
## 31805	2	0.9999999
## 31806	2	0.9999999
## 31807	4	0.9999999
## 31808	2	0.9999999
## 31809	0	0.9999999
## 31810	2	0.9999999
## 31811	0	0.9999999
## 31812	4	0.9999999
## 31813	4	0.9999999
## 31814	4	0.9999999
## 31815	2	0.9999999
## 31816	2	0.9999999
## 31817	4	0.9999999
## 31818	1	0.9999999
## 31819	3	0.9999999
## 31820	4	0.9999999
## 31821	3	0.9999999
## 31822	2	0.9999999
## 31823	4	0.9999999
## 31824	2	0.9999999
## 31825	2	0.9999999
## 31826	3	0.9999999
## 31827	2	0.9999999
## 31828	4	0.9999999
## 31829	4	0.9999998
## 31830	4	0.9999999
## 31831	2	0.9999999
## 31832	1	0.9999999
## 31833	3	0.9999999
## 31834	3	0.9999999
## 31835	2	0.9999999

## 31836	2	0.9999999
## 31837	1	0.9999999
## 31838	2	0.9999999
## 31839	3	0.9999998
## 31840	3	0.9999999
## 31841	2	0.9999999
## 31842	4	0.9999999
## 31843	3	0.9999999
## 31844	2	0.9999999
## 31845	1	0.9999998
## 31846	1	0.9999999
## 31847	3	0.9999999
## 31848	2	0.9999999
## 31849	1	0.9999998
## 31850	4	0.9999999
## 31851	3	0.9999999
## 31852	2	0.9999999
## 31853	2	0.9999999
## 31854	3	0.9999999
## 31855	4	0.9999999
## 31856	3	0.9999999
## 31857	2	0.9999999
## 31858	2	0.9999998
## 31859	3	0.9999999
## 31860	2	0.9999999
## 31861	2	0.9999999
## 31862	3	0.9999999
## 31863	2	0.9999999
## 31864	4	0.9999999
## 31865	4	0.9999999
## 31866	3	0.9999999
## 31867	0	0.9999999
## 31868	2	0.9999999
## 31869	4	0.9999999
## 31870	3	0.9999999
## 31871	3	0.9999998
## 31872	3	0.9999999
## 31873	2	0.9999999
## 31874	2	0.9999999
## 31875	1	0.9999998
## 31876	2	0.9999999
## 31877	3	0.9999999
## 31878	1	0.9999999
## 31879	3	0.9999999
## 31880	1	0.9999999
## 31881	2	0.9999999
## 31882	0	0.9999999
## 31883	4	0.9999999
## 31884	2	0.9999999
## 31885	4	0.9999999
## 31886	4	0.9999999
## 31887	3	0.9999999
## 31888	3	0.9999999
## 31889	2	0.9999999

## 31890	2	0.9999999
## 31891	3	0.9999999
## 31892	4	0.9999999
## 31893	2	0.9999999
## 31894	4	0.9999999
## 31895	2	0.9999999
## 31896	3	0.9999999
## 31897	2	0.9999999
## 31898	1	0.9999999
## 31899	2	0.9999999
## 31900	2	0.9999999
## 31901	3	0.9999999
## 31902	3	0.9999999
## 31903	2	0.9999999
## 31904	4	0.9999999
## 31905	3	0.9999999
## 31906	2	0.9999998
## 31907	1	0.9999999
## 31908	3	0.9999999
## 31909	2	0.9999999
## 31910	2	0.9999999
## 31911	3	0.9999999
## 31912	3	0.9999999
## 31913	1	0.9999999
## 31914	4	0.9999999
## 31915	2	0.9999999
## 31916	2	0.9999999
## 31917	3	0.9999999
## 31918	3	0.9999999
## 31919	1	0.9999999
## 31920	3	0.9999998
## 31921	3	0.9999999
## 31922	2	0.9999999
## 31923	2	0.9999999
## 31924	3	0.9999999
## 31925	2	0.9999999
## 31926	3	0.9999999
## 31927	4	0.9999999
## 31928	2	0.9999999
## 31929	3	0.9999999
## 31930	2	0.9999999
## 31931	2	0.9999999
## 31932	2	0.9999999
## 31933	2	0.9999999
## 31934	2	0.9999999
## 31935	1	0.9999999
## 31936	1	0.9999999
## 31937	2	0.9999999
## 31938	1	0.9999999
## 31939	4	0.9999999
## 31940	2	0.9999999
## 31941	2	0.9999999
## 31942	1	0.9999999
## 31943	2	0.9999999

## 31944	3	0.9999999
## 31945	2	0.9999999
## 31946	3	0.9999999
## 31947	4	0.9999999
## 31948	4	0.9999999
## 31949	4	0.9999999
## 31950	4	0.9999999
## 31951	3	0.9999999
## 31952	3	0.9999999
## 31953	2	0.9999999
## 31954	2	0.9999999
## 31955	2	0.9999999
## 31956	2	0.9999999
## 31957	0	0.9999998
## 31958	2	0.9999999
## 31959	0	0.9999999
## 31960	3	0.9999999
## 31961	4	0.9999999
## 31962	2	0.9999999
## 31963	2	0.9999999
## 31964	2	0.9999999
## 31965	3	0.9999999
## 31966	4	0.9999999
## 31967	2	0.9999999
## 31968	1	0.9999999
## 31969	3	0.9999999
## 31970	2	0.9999999
## 31971	3	0.9999999
## 31972	3	0.9999999
## 31973	2	0.9999999
## 31974	1	0.9999999
## 31975	3	0.9999999
## 31976	2	0.9999999
## 31977	2	0.9999999
## 31978	3	0.9999999
## 31979	3	0.9999999
## 31980	3	0.9999999
## 31981	4	0.9999999
## 31982	2	0.9999999
## 31983	2	0.9999999
## 31984	0	0.9999999
## 31985	2	0.9999999
## 31986	2	0.9999999
## 31987	3	0.9999999
## 31988	1	0.9999999
## 31989	2	0.9999999
## 31990	4	0.9999999
## 31991	2	0.9999999
## 31992	4	0.9999999
## 31993	3	0.9999999
## 31994	3	0.9999999
## 31995	1	0.9999999
## 31996	1	0.9999999
## 31997	3	0.9999999

## 31998	2	0.9999999
## 31999	1	0.9999999
## 32000	2	0.9999999
## 32001	1	0.9999999
## 32002	4	0.9999999
## 32003	2	0.9999999
## 32004	1	0.9999999
## 32005	1	0.9999999
## 32006	1	0.9999999
## 32007	2	0.9999999
## 32008	2	0.9999999
## 32009	4	0.9999999
## 32010	1	0.9999999
## 32011	4	0.9999999
## 32012	3	0.9999999
## 32013	1	0.9999999
## 32014	2	0.9999999
## 32015	1	0.9999999
## 32016	2	0.9999999
## 32017	1	0.9999999
## 32018	1	0.9999999
## 32019	2	0.9999999
## 32020	2	0.9999999
## 32021	2	0.9999999
## 32022	2	0.9999998
## 32023	4	0.9999999
## 32024	2	0.9999999
## 32025	2	0.9999999
## 32026	4	0.9999999
## 32027	2	0.9999999
## 32028	1	0.9999999
## 32029	4	0.9999999
## 32030	3	0.9999999
## 32031	2	0.9999999
## 32032	1	0.9999999
## 32033	2	0.9999999
## 32034	4	0.9999999
## 32035	2	0.9999999
## 32036	3	0.9999999
## 32037	2	0.9999999
## 32038	2	0.9999999
## 32039	4	0.9999999
## 32040	0	0.9999999
## 32041	2	0.9999999
## 32042	2	0.9999999
## 32043	4	0.9999999
## 32044	2	0.9999999
## 32045	3	0.9999999
## 32046	3	0.9999999
## 32047	2	0.9999999
## 32048	2	0.9999999
## 32049	2	0.9999999
## 32050	2	0.9999999
## 32051	2	0.9999999

## 32052	2	0.9999999
## 32053	2	0.9999999
## 32054	3	0.9999999
## 32055	4	0.9999999
## 32056	3	0.9999999
## 32057	2	0.9999999
## 32058	3	0.9999999
## 32059	2	0.9999999
## 32060	3	0.9999999
## 32061	4	0.9999999
## 32062	0	0.9999999
## 32063	2	0.9999999
## 32064	2	0.9999999
## 32065	3	0.9999999
## 32066	2	0.9999999
## 32067	3	0.9999999
## 32068	2	0.9999999
## 32069	3	0.9999999
## 32070	2	0.9999999
## 32071	2	0.9999999
## 32072	4	0.9999999
## 32073	2	0.9999999
## 32074	4	0.9999999
## 32075	2	0.9999999
## 32076	2	0.9999998
## 32077	3	0.9999999
## 32078	4	0.9999999
## 32079	2	0.9999999
## 32080	3	0.9999998
## 32081	4	0.9999999
## 32082	4	0.9999999
## 32083	3	0.9999999
## 32084	3	0.9999999
## 32085	4	0.9999999
## 32086	3	0.9999999
## 32087	2	0.9999999
## 32088	3	0.9999999
## 32089	2	0.9999999
## 32090	4	0.9999999
## 32091	4	0.9999998
## 32092	2	0.9999999
## 32093	1	0.9999999
## 32094	2	0.9999999
## 32095	2	0.9999999
## 32096	3	0.9999999
## 32097	4	0.9999999
## 32098	3	0.9999999
## 32099	3	0.9999999
## 32100	1	0.9999998
## 32101	4	0.9999999
## 32102	2	0.9999999
## 32103	4	0.9999999
## 32104	2	0.9999999
## 32105	4	0.9999998

## 32106	2	0.9999999
## 32107	2	0.9999999
## 32108	2	0.9999999
## 32109	2	0.9999999
## 32110	2	0.9999999
## 32111	2	0.9999999
## 32112	2	0.9999999
## 32113	2	0.9999999
## 32114	2	0.9999999
## 32115	2	0.9999999
## 32116	1	0.9999999
## 32117	2	0.9999999
## 32118	1	0.9999999
## 32119	4	0.9999999
## 32120	4	0.9999999
## 32121	2	0.9999999
## 32122	1	0.9999999
## 32123	3	0.9999999
## 32124	2	0.9999999
## 32125	2	0.9999999
## 32126	2	0.9999999
## 32127	4	0.9999999
## 32128	2	0.9999999
## 32129	4	0.9999999
## 32130	2	0.9999999
## 32131	3	0.9999999
## 32132	2	0.9999999
## 32133	1	0.9999999
## 32134	4	0.9999999
## 32135	2	0.9999999
## 32136	2	0.9999999
## 32137	3	0.9999999
## 32138	2	0.9999999
## 32139	4	0.9999999
## 32140	4	0.9999999
## 32141	1	0.9999999
## 32142	2	0.9999999
## 32143	1	0.9999999
## 32144	3	0.9999999
## 32145	3	0.9999999
## 32146	4	0.9999999
## 32147	3	0.9999999
## 32148	4	0.9999999
## 32149	2	0.9999999
## 32150	0	0.9999999
## 32151	4	0.9999999
## 32152	2	0.9999999
## 32153	4	0.9999999
## 32154	2	0.9999999
## 32155	4	0.9999999
## 32156	3	0.9999999
## 32157	0	0.9999999
## 32158	2	0.9999999
## 32159	4	0.9999999

## 32160	4	0.9999998
## 32161	4	0.9999999
## 32162	3	0.9999999
## 32163	4	0.9999999
## 32164	4	0.9999999
## 32165	3	0.9999999
## 32166	2	0.9999999
## 32167	4	0.9999999
## 32168	4	0.9999999
## 32169	3	0.9999999
## 32170	2	0.9999999
## 32171	4	0.9999999
## 32172	1	0.9999999
## 32173	4	0.9999999
## 32174	1	0.9999999
## 32175	3	0.9999999
## 32176	3	0.9999999
## 32177	2	0.9999999
## 32178	2	0.9999999
## 32179	2	0.9999999
## 32180	3	0.9999999
## 32181	2	0.9999999
## 32182	2	0.9999999
## 32183	2	0.9999999
## 32184	1	0.9999999
## 32185	4	0.9999999
## 32186	2	0.9999999
## 32187	2	0.9999999
## 32188	3	0.9999999
## 32189	4	0.9999999
## 32190	4	0.9999999
## 32191	2	0.9999999
## 32192	2	0.9999999
## 32193	4	0.9999999
## 32194	3	0.9999999
## 32195	4	0.9999999
## 32196	3	0.9999999
## 32197	2	0.9999999
## 32198	2	0.9999999
## 32199	2	0.9999999
## 32200	2	0.9999999
## 32201	2	0.9999999
## 32202	2	0.9999999
## 32203	2	0.9999999
## 32204	2	0.9999999
## 32205	4	0.9999999
## 32206	2	0.9999999
## 32207	4	0.9999999
## 32208	1	0.9999999
## 32209	1	0.9999999
## 32210	2	0.9999999
## 32211	4	0.9999999
## 32212	3	0.9999999
## 32213	1	0.9999999

## 32214	3	0.9999999
## 32215	3	0.9999998
## 32216	2	0.9999999
## 32217	2	0.9999999
## 32218	2	0.9999999
## 32219	2	0.9999999
## 32220	3	0.9999999
## 32221	2	0.9999999
## 32222	2	0.9999999
## 32223	4	0.9999999
## 32224	4	0.9999999
## 32225	4	0.9999999
## 32226	3	0.9999999
## 32227	2	0.9999999
## 32228	2	0.9999999
## 32229	2	0.9999999
## 32230	2	0.9999999
## 32231	2	0.9999999
## 32232	2	0.9999999
## 32233	3	0.9999999
## 32234	2	0.9999999
## 32235	2	0.9999999
## 32236	4	0.9999999
## 32237	2	0.9999999
## 32238	4	0.9999999
## 32239	2	0.9999999
## 32240	2	0.9999999
## 32241	2	0.9999999
## 32242	2	0.9999999
## 32243	3	0.9999999
## 32244	2	0.9999999
## 32245	2	0.9999999
## 32246	2	0.9999999
## 32247	4	0.9999999
## 32248	2	0.9999999
## 32249	2	0.9999999
## 32250	4	0.9999999
## 32251	4	0.9999999
## 32252	2	0.9999999
## 32253	2	0.9999999
## 32254	2	0.9999999
## 32255	4	0.9999999
## 32256	3	0.9999999
## 32257	2	0.9999999
## 32258	4	0.9999999
## 32259	2	0.9999999
## 32260	1	0.9999999
## 32261	2	0.9999999
## 32262	4	0.9999999
## 32263	1	0.9999999
## 32264	3	0.9999999
## 32265	4	0.9999999
## 32266	3	0.9999999
## 32267	2	0.9999999

## 32268	4	0.9999999
## 32269	0	0.9999999
## 32270	3	0.9999999
## 32271	2	0.9999999
## 32272	3	0.9999999
## 32273	3	0.9999999
## 32274	2	0.9999999
## 32275	2	0.9999999
## 32276	2	0.9999999
## 32277	4	0.9999999
## 32278	3	0.9999999
## 32279	2	0.9999999
## 32280	2	0.9999999
## 32281	3	0.9999999
## 32282	2	0.9999999
## 32283	3	0.9999999
## 32284	2	0.9999999
## 32285	3	0.9999999
## 32286	3	0.9999999
## 32287	4	0.9999999
## 32288	2	0.9999999
## 32289	3	0.9999999
## 32290	3	0.9999999
## 32291	2	0.9999999
## 32292	4	0.9999999
## 32293	0	0.9999999
## 32294	2	0.9999998
## 32295	3	0.9999999
## 32296	3	0.9999999
## 32297	1	0.9999999
## 32298	2	0.9999999
## 32299	1	0.9999999
## 32300	1	0.9999999
## 32301	2	0.9999999
## 32302	4	0.9999999
## 32303	2	0.9999999
## 32304	3	0.9999999
## 32305	4	0.9999999
## 32306	2	0.9999999
## 32307	2	0.9999999
## 32308	4	0.9999999
## 32309	2	0.9999999
## 32310	4	0.9999999
## 32311	4	0.9999999
## 32312	3	0.9999999
## 32313	3	0.9999999
## 32314	2	0.9999999
## 32315	4	0.9999999
## 32316	4	0.9999999
## 32317	2	0.9999998
## 32318	4	0.9999999
## 32319	4	0.9999999
## 32320	2	0.9999999
## 32321	2	0.9999999

## 32322	2	0.9999999
## 32323	3	0.9999999
## 32324	2	0.9999999
## 32325	3	0.9999999
## 32326	4	0.9999999
## 32327	1	0.9999999
## 32328	3	0.9999999
## 32329	4	0.9999999
## 32330	4	0.9999999
## 32331	3	0.9999999
## 32332	4	0.9999999
## 32333	3	0.9999999
## 32334	4	0.9999999
## 32335	4	0.9999999
## 32336	3	0.9999999
## 32337	2	0.9999999
## 32338	4	0.9999999
## 32339	4	0.9999999
## 32340	2	0.9999999
## 32341	1	0.9999999
## 32342	4	0.9999999
## 32343	2	0.9999999
## 32344	2	0.9999999
## 32345	2	0.9999999
## 32346	2	0.9999999
## 32347	2	0.9999999
## 32348	1	0.9999999
## 32349	2	0.9999999
## 32350	3	0.9999999
## 32351	4	0.9999999
## 32352	4	0.9999999
## 32353	3	0.9999999
## 32354	3	0.9999999
## 32355	2	0.9999999
## 32356	3	0.9999999
## 32357	0	0.9999999
## 32358	3	0.9999999
## 32359	2	0.9999999
## 32360	2	0.9999999
## 32361	1	0.9999999
## 32362	3	0.9999999
## 32363	2	0.9999999
## 32364	4	0.9999999
## 32365	3	0.9999998
## 32366	2	0.9999999
## 32367	2	0.9999999
## 32368	4	0.9999998
## 32369	4	0.9999999
## 32370	3	0.9999999
## 32371	4	0.9999999
## 32372	4	0.9999999
## 32373	2	0.9999999
## 32374	3	0.9999999
## 32375	2	0.9999999

## 32376	4	0.9999999
## 32377	4	0.9999999
## 32378	1	0.9999999
## 32379	3	0.9999999
## 32380	4	0.9999999
## 32381	3	0.9999999
## 32382	4	0.9999999
## 32383	3	0.9999999
## 32384	3	0.9999999
## 32385	1	0.9999999
## 32386	1	0.9999999
## 32387	2	0.9999999
## 32388	3	0.9999999
## 32389	2	0.9999999
## 32390	2	0.9999999
## 32391	2	0.9999999
## 32392	3	0.9999998
## 32393	2	0.9999998
## 32394	2	0.9999999
## 32395	3	0.9999999
## 32396	2	0.9999999
## 32397	4	0.9999999
## 32398	2	0.9999999
## 32399	1	0.9999999
## 32400	4	0.9999999
## 32401	2	0.9999999
## 32402	2	0.9999999
## 32403	4	0.9999999
## 32404	4	0.9999999
## 32405	3	0.9999999
## 32406	2	0.9999999
## 32407	2	0.9999999
## 32408	2	0.9999999
## 32409	3	0.9999999
## 32410	2	0.9999999
## 32411	3	0.9999999
## 32412	2	0.9999999
## 32413	2	0.9999999
## 32414	4	0.9999999
## 32415	1	0.9999999
## 32416	4	0.9999999
## 32417	1	0.9999999
## 32418	4	0.9999999
## 32419	3	0.9999999
## 32420	3	0.9999999
## 32421	4	0.9999999
## 32422	3	0.9999999
## 32423	3	0.9999999
## 32424	2	0.9999999
## 32425	2	0.9999998
## 32426	2	0.9999999
## 32427	2	0.9999999
## 32428	4	0.9999999
## 32429	3	0.9999999

## 32430	3	0.9999999
## 32431	3	0.9999999
## 32432	4	0.9999999
## 32433	3	0.9999999
## 32434	0	0.9999999
## 32435	2	0.9999999
## 32436	2	0.9999999
## 32437	4	0.9999999
## 32438	1	0.9999999
## 32439	2	0.9999999
## 32440	3	0.9999999
## 32441	2	0.9999999
## 32442	3	0.9999999
## 32443	2	0.9999999
## 32444	2	0.9999999
## 32445	2	0.9999999
## 32446	0	0.9999999
## 32447	2	0.9999999
## 32448	2	0.9999999
## 32449	2	0.9999999
## 32450	3	0.9999999
## 32451	2	0.9999999
## 32452	4	0.9999999
## 32453	1	0.9999999
## 32454	3	0.9999999
## 32455	3	0.9999999
## 32456	2	0.9999999
## 32457	2	0.9999999
## 32458	2	0.9999999
## 32459	4	0.9999999
## 32460	3	0.9999999
## 32461	3	0.9999998
## 32462	0	0.9999999
## 32463	2	0.9999999
## 32464	4	0.9999999
## 32465	1	0.9999999
## 32466	4	0.9999999
## 32467	3	0.9999999
## 32468	1	0.9999999
## 32469	4	0.9999999
## 32470	2	0.9999999
## 32471	4	0.9999999
## 32472	2	0.9999998
## 32473	3	0.9999999
## 32474	2	0.9999999
## 32475	3	0.9999999
## 32476	4	0.9999999
## 32477	1	0.9999999
## 32478	4	0.9999999
## 32479	3	0.9999999
## 32480	2	0.9999999
## 32481	4	0.9999999
## 32482	2	0.9999999
## 32483	2	0.9999999

## 32484	1	0.9999999
## 32485	4	0.9999999
## 32486	2	0.9999999
## 32487	2	0.9999999
## 32488	1	0.9999999
## 32489	3	0.9999999
## 32490	3	0.9999999
## 32491	4	0.9999999
## 32492	2	0.9999999
## 32493	2	0.9999999
## 32494	2	0.9999999
## 32495	3	0.9999999
## 32496	2	0.9999999
## 32497	2	0.9999999
## 32498	4	0.9999999
## 32499	1	0.9999999
## 32500	4	0.9999999
## 32501	3	0.9999999
## 32502	4	0.9999999
## 32503	2	0.9999999
## 32504	1	0.9999999
## 32505	3	0.9999999
## 32506	4	0.9999998
## 32507	4	0.9999999
## 32508	2	0.9999999
## 32509	3	0.9999999
## 32510	4	0.9999999
## 32511	2	0.9999999
## 32512	3	0.9999999
## 32513	4	0.9999999
## 32514	4	0.9999999
## 32515	4	0.9999999
## 32516	3	0.9999999
## 32517	2	0.9999999
## 32518	3	0.9999999
## 32519	4	0.9999999
## 32520	2	0.9999999
## 32521	1	0.9999999
## 32522	2	0.9999999
## 32523	4	0.9999999
## 32524	1	0.9999999
## 32525	3	0.9999999
## 32526	2	0.9999999
## 32527	2	0.9999999
## 32528	4	0.9999999
## 32529	4	0.9999999
## 32530	2	0.9999999
## 32531	3	0.9999999
## 32532	2	0.9999999
## 32533	2	0.9999999
## 32534	4	0.9999999
## 32535	2	0.9999999
## 32536	3	0.9999999
## 32537	3	0.9999999

## 32538	0	0.9999999
## 32539	2	0.9999999
## 32540	4	0.9999998
## 32541	4	0.9999999
## 32542	4	0.9999999
## 32543	2	0.9999999
## 32544	1	0.9999999
## 32545	4	0.9999999
## 32546	0	0.9999999
## 32547	4	0.9999999
## 32548	2	0.9999999
## 32549	2	0.9999999
## 32550	2	0.9999999
## 32551	2	0.9999998
## 32552	4	0.9999999
## 32553	3	0.9999999
## 32554	4	0.9999999
## 32555	3	0.9999999
## 32556	3	0.9999999
## 32557	3	0.9999999
## 32558	2	0.9999998
## 32559	2	0.9999999
## 32560	2	0.9999999
## 32561	3	0.9999999
## 32562	3	0.9999999
## 32563	1	0.9999999
## 32564	2	0.9999999
## 32565	4	0.9999999
## 32566	3	0.9999999
## 32567	2	0.9999999
## 32568	2	0.9999999
## 32569	3	0.9999999
## 32570	3	0.9999999
## 32571	2	0.9999999
## 32572	2	0.9999999
## 32573	3	0.9999999
## 32574	2	0.9999999
## 32575	1	0.9999999
## 32576	2	0.9999999
## 32577	4	0.9999999
## 32578	2	0.9999999
## 32579	2	0.9999999
## 32580	4	0.9999999
## 32581	4	0.9999999
## 32582	2	0.9999999
## 32583	0	0.9999999
## 32584	4	0.9999998
## 32585	2	0.9999999
## 32586	4	0.9999999
## 32587	2	0.9999999
## 32588	4	0.9999999
## 32589	4	0.9999999
## 32590	3	0.9999999
## 32591	2	0.9999999

## 32592	3	0.9999999
## 32593	2	0.9999999
## 32594	2	0.9999999
## 32595	3	0.9999999
## 32596	2	0.9999999
## 32597	1	0.9999999
## 32598	1	0.9999999
## 32599	3	0.9999999
## 32600	3	0.9999999
## 32601	4	0.9999999
## 32602	2	0.9999999
## 32603	3	0.9999999
## 32604	3	0.9999999
## 32605	0	0.9999998
## 32606	4	0.9999999
## 32607	3	0.9999999
## 32608	3	0.9999999
## 32609	2	0.9999999
## 32610	1	0.9999999
## 32611	1	0.9999999
## 32612	3	0.9999998
## 32613	2	0.9999999
## 32614	1	0.9999999
## 32615	4	0.9999999
## 32616	3	0.9999999
## 32617	3	0.9999998
## 32618	2	0.9999999
## 32619	4	0.9999999
## 32620	2	0.9999999
## 32621	2	0.9999999
## 32622	4	0.9999999
## 32623	3	0.9999999
## 32624	2	0.9999999
## 32625	0	0.9999998
## 32626	2	0.9999999
## 32627	4	0.9999999
## 32628	1	0.9999999
## 32629	2	0.9999999
## 32630	1	0.9999998
## 32631	2	0.9999999
## 32632	3	0.9999999
## 32633	2	0.9999999
## 32634	4	0.9999999
## 32635	3	0.9999999
## 32636	2	0.9999999
## 32637	3	0.9999999
## 32638	2	0.9999999
## 32639	4	0.9999999
## 32640	3	0.9999999
## 32641	2	0.9999999
## 32642	1	0.9999999
## 32643	2	0.9999998
## 32644	2	0.9999999
## 32645	1	0.9999999

## 32646	2	0.9999999
## 32647	3	0.9999999
## 32648	2	0.9999999
## 32649	4	0.9999998
## 32650	2	0.9999999
## 32651	4	0.9999999
## 32652	2	0.9999999
## 32653	2	0.9999999
## 32654	2	0.9999999
## 32655	2	0.9999999
## 32656	3	0.9999999
## 32657	3	0.9999999
## 32658	2	0.9999999
## 32659	2	0.9999999
## 32660	3	0.9999999
## 32661	2	0.9999999
## 32662	4	0.9999999
## 32663	2	0.9999999
## 32664	3	0.9999999
## 32665	3	0.9999999
## 32666	2	0.9999999
## 32667	2	0.9999999
## 32668	4	0.9999999
## 32669	3	0.9999999
## 32670	3	0.9999999
## 32671	1	0.9999999
## 32672	2	0.9999999
## 32673	4	0.9999999
## 32674	2	0.9999999
## 32675	4	0.9999999
## 32676	2	0.9999999
## 32677	2	0.9999999
## 32678	3	0.9999999
## 32679	4	0.9999999
## 32680	3	0.9999999
## 32681	3	0.9999998
## 32682	3	0.9999999
## 32683	1	0.9999999
## 32684	2	0.9999999
## 32685	2	0.9999999
## 32686	1	0.9999999
## 32687	3	0.9999999
## 32688	2	0.9999998
## 32689	4	0.9999999
## 32690	2	0.9999999
## 32691	2	0.9999999
## 32692	4	0.9999999
## 32693	4	0.9999999
## 32694	2	0.9999999
## 32695	1	0.9999999
## 32696	3	0.9999999
## 32697	2	0.9999999
## 32698	2	0.9999999
## 32699	0	0.9999999

## 32700	2	0.9999999
## 32701	4	0.9999999
## 32702	4	0.9999999
## 32703	3	0.9999999
## 32704	4	0.9999999
## 32705	3	0.9999999
## 32706	2	0.9999999
## 32707	1	0.9999999
## 32708	4	0.9999999
## 32709	3	0.9999999
## 32710	2	0.9999999
## 32711	3	0.9999998
## 32712	2	0.9999999
## 32713	2	0.9999998
## 32714	2	0.9999999
## 32715	4	0.9999999
## 32716	3	0.9999999
## 32717	0	0.9999999
## 32718	2	0.9999999
## 32719	4	0.9999999
## 32720	4	0.9999999
## 32721	2	0.9999999
## 32722	1	0.9999999
## 32723	1	0.9999999
## 32724	2	0.9999999
## 32725	0	0.9999999
## 32726	2	0.9999999
## 32727	2	0.9999999
## 32728	4	0.9999999
## 32729	4	0.9999999
## 32730	3	0.9999999
## 32731	3	0.9999999
## 32732	2	0.9999999
## 32733	2	0.9999999
## 32734	2	0.9999999
## 32735	2	0.9999999
## 32736	3	0.9999999
## 32737	3	0.9999998
## 32738	1	0.9999999
## 32739	2	0.9999999
## 32740	2	0.9999999
## 32741	0	0.9999999
## 32742	2	0.9999998
## 32743	2	0.9999999
## 32744	2	0.9999999
## 32745	2	0.9999999
## 32746	2	0.9999999
## 32747	1	0.9999999
## 32748	2	0.9999999
## 32749	2	0.9999999
## 32750	2	0.9999999
## 32751	2	0.9999999
## 32752	1	0.9999999
## 32753	4	0.9999999

## 32754	2	0.9999999
## 32755	2	0.9999999
## 32756	2	0.9999999
## 32757	2	0.9999999
## 32758	3	0.9999998
## 32759	4	0.9999999
## 32760	4	0.9999999
## 32761	4	0.9999999
## 32762	0	0.9999999
## 32763	2	0.9999999
## 32764	3	0.9999999
## 32765	1	0.9999999
## 32766	2	0.9999999
## 32767	1	0.9999999
## 32768	4	0.9999999
## 32769	4	0.9999999
## 32770	3	0.9999999
## 32771	3	0.9999999
## 32772	3	0.9999999
## 32773	2	0.9999999
## 32774	2	0.9999999
## 32775	2	0.9999999
## 32776	2	0.9999999
## 32777	2	0.9999999
## 32778	4	0.9999999
## 32779	3	0.9999999
## 32780	2	0.9999999
## 32781	1	0.9999999
## 32782	2	0.9999999
## 32783	2	0.9999999
## 32784	3	0.9999999
## 32785	3	0.9999999
## 32786	1	0.9999999
## 32787	3	0.9999999
## 32788	1	0.9999999
## 32789	3	0.9999999
## 32790	2	0.9999999
## 32791	1	0.9999999
## 32792	3	0.9999999
## 32793	2	0.9999999
## 32794	4	0.9999999
## 32795	4	0.9999999
## 32796	0	0.9999999
## 32797	3	0.9999999
## 32798	2	0.9999999
## 32799	3	0.9999999
## 32800	2	0.9999999
## 32801	1	0.9999999
## 32802	1	0.9999999
## 32803	2	0.9999999
## 32804	2	0.9999999
## 32805	3	0.9999999
## 32806	3	0.9999999
## 32807	4	0.9999999

## 32808	4	0.9999999
## 32809	4	0.9999999
## 32810	0	0.9999999
## 32811	2	0.9999999
## 32812	2	0.9999999
## 32813	4	0.9999999
## 32814	2	0.9999999
## 32815	2	0.9999999
## 32816	2	0.9999999
## 32817	4	0.9999999
## 32818	2	0.9999999
## 32819	3	0.9999999
## 32820	4	0.9999999
## 32821	3	0.9999999
## 32822	3	0.9999999
## 32823	4	0.9999999
## 32824	4	0.9999999
## 32825	2	0.9999999
## 32826	3	0.9999999
## 32827	2	0.9999999
## 32828	1	0.9999999
## 32829	4	0.9999999
## 32830	4	0.9999999
## 32831	2	0.9999999
## 32832	4	0.9999999
## 32833	2	0.9999999
## 32834	2	0.9999998
## 32835	3	0.9999999
## 32836	0	0.9999999
## 32837	2	0.9999999
## 32838	2	0.9999999
## 32839	2	0.9999999
## 32840	4	0.9999999
## 32841	2	0.9999999
## 32842	3	0.9999999
## 32843	3	0.9999999
## 32844	2	0.9999999
## 32845	0	0.9999999
## 32846	2	0.9999999
## 32847	2	0.9999999
## 32848	3	0.9999999
## 32849	4	0.9999999
## 32850	0	0.9999999
## 32851	2	0.9999998
## 32852	3	0.9999999
## 32853	2	0.9999999
## 32854	2	0.9999999
## 32855	4	0.9999999
## 32856	3	0.9999999
## 32857	4	0.9999999
## 32858	3	0.9999999
## 32859	4	0.9999999
## 32860	3	0.9999999
## 32861	4	0.9999999

## 32862	2	0.9999999
## 32863	2	0.9999999
## 32864	1	0.9999999
## 32865	2	0.9999999
## 32866	3	0.9999999
## 32867	2	0.9999999
## 32868	3	0.9999999
## 32869	4	0.9999998
## 32870	3	0.9999999
## 32871	2	0.9999999
## 32872	4	0.9999999
## 32873	1	0.9999998
## 32874	4	0.9999999
## 32875	3	0.9999999
## 32876	2	0.9999999
## 32877	2	0.9999999
## 32878	4	0.9999999
## 32879	4	0.9999998
## 32880	3	0.9999999
## 32881	4	0.9999999
## 32882	3	0.9999999
## 32883	3	0.9999999
## 32884	3	0.9999999
## 32885	2	0.9999999
## 32886	1	0.9999999
## 32887	2	0.9999999
## 32888	4	0.9999999
## 32889	4	0.9999999
## 32890	2	0.9999999
## 32891	0	0.9999999
## 32892	3	0.9999999
## 32893	3	0.9999999
## 32894	3	0.9999999
## 32895	1	0.9999999
## 32896	2	0.9999999
## 32897	2	0.9999999
## 32898	2	0.9999999
## 32899	4	0.9999999
## 32900	2	0.9999999
## 32901	1	0.9999999
## 32902	3	0.9999999
## 32903	4	0.9999999
## 32904	3	0.9999999
## 32905	4	0.9999999
## 32906	2	0.9999999
## 32907	3	0.9999999
## 32908	2	0.9999999
## 32909	0	0.9999999
## 32910	1	0.9999999
## 32911	2	0.9999999
## 32912	4	0.9999999
## 32913	2	0.9999999
## 32914	2	0.9999999
## 32915	2	0.9999999

## 32916	3	0.9999999
## 32917	1	0.9999999
## 32918	2	0.9999999
## 32919	2	0.9999999
## 32920	0	0.9999999
## 32921	1	0.9999999
## 32922	0	0.9999999
## 32923	4	0.9999999
## 32924	2	0.9999999
## 32925	3	0.9999999
## 32926	4	0.9999999
## 32927	3	0.9999999
## 32928	3	0.9999999
## 32929	2	0.9999999
## 32930	3	0.9999999
## 32931	2	0.9999999
## 32932	3	0.9999999
## 32933	2	0.9999999
## 32934	3	0.9999999
## 32935	2	0.9999999
## 32936	3	0.9999999
## 32937	2	0.9999999
## 32938	2	0.9999999
## 32939	1	0.9999999
## 32940	1	0.9999998
## 32941	1	0.9999999
## 32942	2	0.9999999
## 32943	3	0.9999999
## 32944	2	0.9999999
## 32945	2	0.9999999
## 32946	2	0.9999999
## 32947	3	0.9999999
## 32948	1	0.9999999
## 32949	2	0.9999999
## 32950	4	0.9999999
## 32951	3	0.9999999
## 32952	1	0.9999999
## 32953	2	0.9999999
## 32954	1	0.9999999
## 32955	2	0.9999999
## 32956	3	0.9999999
## 32957	3	0.9999999
## 32958	2	0.9999999
## 32959	4	0.9999999
## 32960	1	0.9999999
## 32961	3	0.9999999
## 32962	4	0.9999999
## 32963	3	0.9999999
## 32964	2	0.9999999
## 32965	1	0.9999999
## 32966	2	0.9999999
## 32967	3	0.9999998
## 32968	3	0.9999999
## 32969	4	0.9999999

## 32970	2	0.9999999
## 32971	2	0.9999999
## 32972	2	0.9999999
## 32973	2	0.9999999
## 32974	3	0.9999999
## 32975	2	0.9999999
## 32976	0	0.9999999
## 32977	2	0.9999999
## 32978	2	0.9999999
## 32979	3	0.9999999
## 32980	2	0.9999999
## 32981	2	0.9999999
## 32982	2	0.9999999
## 32983	4	0.9999999
## 32984	4	0.9999999
## 32985	4	0.9999999
## 32986	2	0.9999999
## 32987	2	0.9999999
## 32988	2	0.9999998
## 32989	3	0.9999999
## 32990	3	0.9999999
## 32991	2	0.9999999
## 32992	4	0.9999999
## 32993	3	0.9999999
## 32994	3	0.9999999
## 32995	2	0.9999999
## 32996	2	0.9999999
## 32997	3	0.9999999
## 32998	4	0.9999999
## 32999	2	0.9999999
## 33000	4	0.9999999
## 33001	2	0.9999999
## 33002	3	0.9999998
## 33003	3	0.9999999
## 33004	3	0.9999999
## 33005	3	0.9999999
## 33006	2	0.9999999
## 33007	1	0.9999999
## 33008	3	0.9999999
## 33009	4	0.9999999
## 33010	2	0.9999999
## 33011	3	0.9999999
## 33012	1	0.9999999
## 33013	4	0.9999999
## 33014	2	0.9999999
## 33015	2	0.9999999
## 33016	1	0.9999999
## 33017	2	0.9999999
## 33018	3	0.9999999
## 33019	0	0.9999999
## 33020	2	0.9999999
## 33021	2	0.9999999
## 33022	2	0.9999999
## 33023	0	0.9999999

## 33024	3	0.9999999
## 33025	2	0.9999999
## 33026	2	0.9999999
## 33027	3	0.9999999
## 33028	4	0.9999999
## 33029	2	0.9999999
## 33030	3	0.9999999
## 33031	3	0.9999998
## 33032	3	0.9999999
## 33033	3	0.9999999
## 33034	2	0.9999999
## 33035	2	0.9999999
## 33036	4	0.9999998
## 33037	2	0.9999999
## 33038	2	0.9999999
## 33039	1	0.9999999
## 33040	2	0.9999999
## 33041	2	0.9999999
## 33042	3	0.9999999
## 33043	4	0.9999999
## 33044	2	0.9999999
## 33045	3	0.9999999
## 33046	2	0.9999999
## 33047	4	0.9999999
## 33048	2	0.9999999
## 33049	3	0.9999999
## 33050	1	0.9999999
## 33051	4	0.9999999
## 33052	2	0.9999999
## 33053	2	0.9999999
## 33054	3	0.9999999
## 33055	2	0.9999999
## 33056	2	0.9999999
## 33057	2	0.9999999
## 33058	4	0.9999999
## 33059	4	0.9999999
## 33060	4	0.9999999
## 33061	3	0.9999999
## 33062	2	0.9999999
## 33063	3	0.9999999
## 33064	2	0.9999999
## 33065	2	0.9999999
## 33066	4	0.9999999
## 33067	0	0.9999999
## 33068	3	0.9999999
## 33069	4	0.9999999
## 33070	2	0.9999999
## 33071	4	0.9999999
## 33072	2	0.9999999
## 33073	2	0.9999999
## 33074	4	0.9999999
## 33075	1	0.9999999
## 33076	3	0.9999999
## 33077	4	0.9999999

## 33078	2	0.9999999
## 33079	4	0.9999999
## 33080	4	0.9999999
## 33081	2	0.9999999
## 33082	4	0.9999999
## 33083	2	0.9999999
## 33084	2	0.9999999
## 33085	2	0.9999999
## 33086	2	0.9999999
## 33087	3	0.9999999
## 33088	2	0.9999999
## 33089	4	0.9999999
## 33090	4	0.9999999
## 33091	2	0.9999999
## 33092	3	0.9999999
## 33093	2	0.9999999
## 33094	2	0.9999999
## 33095	2	0.9999998
## 33096	2	0.9999999
## 33097	2	0.9999999
## 33098	2	0.9999999
## 33099	2	0.9999999
## 33100	1	0.9999999
## 33101	2	0.9999999
## 33102	2	0.9999999
## 33103	2	0.9999999
## 33104	2	0.9999999
## 33105	0	0.9999999
## 33106	2	0.9999999
## 33107	2	0.9999999
## 33108	1	0.9999999
## 33109	1	0.9999999
## 33110	1	0.9999999
## 33111	2	0.9999999
## 33112	3	0.9999999
## 33113	1	0.9999999
## 33114	1	0.9999999
## 33115	3	0.9999999
## 33116	4	0.9999999
## 33117	3	0.9999999
## 33118	2	0.9999999
## 33119	2	0.9999999
## 33120	4	0.9999999
## 33121	3	0.9999999
## 33122	2	0.9999999
## 33123	4	0.9999999
## 33124	3	0.9999999
## 33125	2	0.9999999
## 33126	3	0.9999999
## 33127	2	0.9999999
## 33128	2	0.9999999
## 33129	4	0.9999999
## 33130	2	0.9999999
## 33131	4	0.9999999

## 33132	3	0.9999999
## 33133	2	0.9999999
## 33134	2	0.9999999
## 33135	1	0.9999999
## 33136	4	0.9999999
## 33137	2	0.9999999
## 33138	2	0.9999999
## 33139	2	0.9999999
## 33140	2	0.9999999
## 33141	0	0.9999999
## 33142	2	0.9999999
## 33143	2	0.9999999
## 33144	2	0.9999999
## 33145	3	0.9999999
## 33146	3	0.9999999
## 33147	3	0.9999999
## 33148	2	0.9999999
## 33149	1	0.9999999
## 33150	4	0.9999999
## 33151	2	0.9999999
## 33152	2	0.9999999
## 33153	3	0.9999999
## 33154	2	0.9999999
## 33155	4	0.9999999
## 33156	2	0.9999999
## 33157	4	0.9999999
## 33158	3	0.9999999
## 33159	3	0.9999999
## 33160	2	0.9999999
## 33161	2	0.9999999
## 33162	2	0.9999999
## 33163	2	0.9999999
## 33164	4	0.9999999
## 33165	3	0.9999999
## 33166	2	0.9999999
## 33167	2	0.9999999
## 33168	2	0.9999999
## 33169	3	0.9999999
## 33170	2	0.9999999
## 33171	4	0.9999999
## 33172	4	0.9999999
## 33173	3	0.9999999
## 33174	2	0.9999999
## 33175	4	0.9999999
## 33176	4	0.9999999
## 33177	2	0.9999999
## 33178	2	0.9999998
## 33179	2	0.9999999
## 33180	3	0.9999999
## 33181	2	0.9999999
## 33182	2	0.9999999
## 33183	4	0.9999999
## 33184	1	0.9999998
## 33185	1	0.9999999

## 33186	2	0.9999998
## 33187	2	0.9999999
## 33188	2	0.9999999
## 33189	3	0.9999999
## 33190	3	0.9999999
## 33191	1	0.9999999
## 33192	2	0.9999999
## 33193	2	0.9999999
## 33194	2	0.9999999
## 33195	3	0.9999999
## 33196	2	0.9999999
## 33197	1	0.9999998
## 33198	3	0.9999999
## 33199	2	0.9999999
## 33200	3	0.9999999
## 33201	4	0.9999999
## 33202	3	0.9999999
## 33203	2	0.9999999
## 33204	3	0.9999999
## 33205	2	0.9999999
## 33206	1	0.9999999
## 33207	2	0.9999999
## 33208	1	0.9999999
## 33209	2	0.9999999
## 33210	3	0.9999999
## 33211	2	0.9999999
## 33212	1	0.9999999
## 33213	0	0.9999999
## 33214	2	0.9999999
## 33215	3	0.9999999
## 33216	2	0.9999999
## 33217	2	0.9999999
## 33218	2	0.9999999
## 33219	2	0.9999999
## 33220	2	0.9999999
## 33221	3	0.9999999
## 33222	4	0.9999999
## 33223	2	0.9999999
## 33224	2	0.9999999
## 33225	4	0.9999999
## 33226	2	0.9999999
## 33227	1	0.9999999
## 33228	2	0.9999999
## 33229	2	0.9999999
## 33230	2	0.9999999
## 33231	1	0.9999999
## 33232	3	0.9999999
## 33233	3	0.9999999
## 33234	3	0.9999999
## 33235	1	0.9999999
## 33236	2	0.9999999
## 33237	2	0.9999999
## 33238	3	0.9999999
## 33239	4	0.9999999

## 33240	3	0.9999999
## 33241	4	0.9999999
## 33242	2	0.9999999
## 33243	3	0.9999999
## 33244	2	0.9999999
## 33245	2	0.9999999
## 33246	2	0.9999999
## 33247	3	0.9999999
## 33248	4	0.9999999
## 33249	2	0.9999999
## 33250	4	0.9999999
## 33251	4	0.9999999
## 33252	2	0.9999999
## 33253	0	0.9999999
## 33254	2	0.9999998
## 33255	3	0.9999999
## 33256	4	0.9999999
## 33257	2	0.9999999
## 33258	2	0.9999999
## 33259	2	0.9999999
## 33260	1	0.9999999
## 33261	3	0.9999999
## 33262	4	0.9999999
## 33263	2	0.9999999
## 33264	3	0.9999999
## 33265	2	0.9999998
## 33266	2	0.9999999
## 33267	0	0.9999999
## 33268	4	0.9999999
## 33269	4	0.9999999
## 33270	2	0.9999999
## 33271	2	0.9999999
## 33272	2	0.9999999
## 33273	3	0.9999999
## 33274	0	0.9999999
## 33275	3	0.9999999
## 33276	1	0.9999999
## 33277	4	0.9999999
## 33278	2	0.9999999
## 33279	3	0.9999999
## 33280	3	0.9999999
## 33281	2	0.9999999
## 33282	3	0.9999998
## 33283	2	0.9999999
## 33284	3	0.9999999
## 33285	2	0.9999999
## 33286	2	0.9999998
## 33287	2	0.9999999
## 33288	3	0.9999999
## 33289	4	0.9999999
## 33290	2	0.9999999
## 33291	3	0.9999999
## 33292	3	0.9999999
## 33293	3	0.9999999

## 33294	3	0.9999999
## 33295	4	0.9999999
## 33296	1	0.9999999
## 33297	2	0.9999999
## 33298	1	0.9999999
## 33299	4	0.9999998
## 33300	2	0.9999999
## 33301	2	0.9999999
## 33302	3	0.9999999
## 33303	4	0.9999999
## 33304	4	0.9999999
## 33305	3	0.9999999
## 33306	2	0.9999999
## 33307	4	0.9999999
## 33308	3	0.9999999
## 33309	2	0.9999999
## 33310	2	0.9999999
## 33311	3	0.9999999
## 33312	2	0.9999999
## 33313	2	0.9999999
## 33314	2	0.9999999
## 33315	4	0.9999999
## 33316	2	0.9999999
## 33317	3	0.9999999
## 33318	2	0.9999999
## 33319	2	0.9999999
## 33320	3	0.9999999
## 33321	2	0.9999999
## 33322	2	0.9999999
## 33323	4	0.9999999
## 33324	3	0.9999999
## 33325	2	0.9999999
## 33326	4	0.9999999
## 33327	3	0.9999999
## 33328	2	0.9999999
## 33329	2	0.9999999
## 33330	2	0.9999999
## 33331	2	0.9999999
## 33332	2	0.9999999
## 33333	2	0.9999999
## 33334	2	0.9999999
## 33335	4	0.9999999
## 33336	2	0.9999999
## 33337	1	0.9999999
## 33338	3	0.9999999
## 33339	4	0.9999999
## 33340	4	0.9999999
## 33341	1	0.9999999
## 33342	3	0.9999999
## 33343	2	0.9999999
## 33344	3	0.9999999
## 33345	4	0.9999999
## 33346	3	0.9999999
## 33347	4	0.9999999

## 33348	2	0.9999999
## 33349	4	0.9999999
## 33350	1	0.9999999
## 33351	4	0.9999999
## 33352	3	0.9999999
## 33353	2	0.9999999
## 33354	1	0.9999999
## 33355	3	0.9999999
## 33356	3	0.9999999
## 33357	3	0.9999999
## 33358	2	0.9999999
## 33359	1	0.9999999
## 33360	4	0.9999999
## 33361	3	0.9999999
## 33362	0	0.9999999
## 33363	2	0.9999999
## 33364	2	0.9999999
## 33365	2	0.9999999
## 33366	3	0.9999999
## 33367	4	0.9999999
## 33368	2	0.9999999
## 33369	2	0.9999999
## 33370	3	0.9999999
## 33371	3	0.9999999
## 33372	2	0.9999999
## 33373	4	0.9999999
## 33374	1	0.9999999
## 33375	4	0.9999999
## 33376	3	0.9999999
## 33377	3	0.9999999
## 33378	1	0.9999999
## 33379	2	0.9999999
## 33380	2	0.9999999
## 33381	4	0.9999999
## 33382	2	0.9999999
## 33383	2	0.9999999
## 33384	3	0.9999999
## 33385	4	0.9999998
## 33386	2	0.9999999
## 33387	1	0.9999999
## 33388	2	0.9999999
## 33389	4	0.9999999
## 33390	4	0.9999999
## 33391	4	0.9999999
## 33392	4	0.9999999
## 33393	1	0.9999999
## 33394	2	0.9999999
## 33395	2	0.9999999
## 33396	1	0.9999998
## 33397	1	0.9999999
## 33398	2	0.9999999
## 33399	1	0.9999999
## 33400	3	0.9999999
## 33401	2	0.9999999

## 33402	2	0.9999999
## 33403	4	0.9999999
## 33404	4	0.9999998
## 33405	3	0.9999999
## 33406	4	0.9999999
## 33407	2	0.9999999
## 33408	4	0.9999999
## 33409	0	0.9999999
## 33410	2	0.9999999
## 33411	2	0.9999999
## 33412	2	0.9999999
## 33413	2	0.9999999
## 33414	3	0.9999999
## 33415	4	0.9999999
## 33416	4	0.9999999
## 33417	2	0.9999999
## 33418	3	0.9999999
## 33419	4	0.9999999
## 33420	3	0.9999999
## 33421	3	0.9999999
## 33422	2	0.9999999
## 33423	3	0.9999999
## 33424	2	0.9999999
## 33425	4	0.9999999
## 33426	2	0.9999999
## 33427	2	0.9999999
## 33428	4	0.9999999
## 33429	1	0.9999999
## 33430	2	0.9999999
## 33431	3	0.9999999
## 33432	2	0.9999999
## 33433	2	0.9999999
## 33434	2	0.9999998
## 33435	4	0.9999999
## 33436	3	0.9999999
## 33437	3	0.9999999
## 33438	2	0.9999999
## 33439	3	0.9999999
## 33440	2	0.9999999
## 33441	3	0.9999999
## 33442	0	0.9999999
## 33443	1	0.9999999
## 33444	3	0.9999999
## 33445	2	0.9999998
## 33446	2	0.9999999
## 33447	4	0.9999999
## 33448	2	0.9999999
## 33449	4	0.9999999
## 33450	2	0.9999999
## 33451	3	0.9999999
## 33452	2	0.9999998
## 33453	2	0.9999999
## 33454	4	0.9999999
## 33455	2	0.9999999

## 33456	3	0.9999999
## 33457	4	0.9999999
## 33458	2	0.9999998
## 33459	4	0.9999999
## 33460	3	0.9999999
## 33461	4	0.9999999
## 33462	2	0.9999999
## 33463	1	0.9999999
## 33464	1	0.9999999
## 33465	3	0.9999999
## 33466	1	0.9999999
## 33467	3	0.9999999
## 33468	4	0.9999999
## 33469	2	0.9999999
## 33470	4	0.9999999
## 33471	4	0.9999999
## 33472	2	0.9999999
## 33473	2	0.9999999
## 33474	4	0.9999998
## 33475	3	0.9999999
## 33476	4	0.9999999
## 33477	2	0.9999999
## 33478	2	0.9999999
## 33479	3	0.9999999
## 33480	2	0.9999998
## 33481	3	0.9999999
## 33482	4	0.9999999
## 33483	2	0.9999999
## 33484	2	0.9999999
## 33485	3	0.9999999
## 33486	3	0.9999999
## 33487	2	0.9999999
## 33488	3	0.9999999
## 33489	2	0.9999999
## 33490	3	0.9999999
## 33491	3	0.9999999
## 33492	1	0.9999998
## 33493	4	0.9999999
## 33494	3	0.9999999
## 33495	4	0.9999999
## 33496	4	0.9999999
## 33497	3	0.9999999
## 33498	2	0.9999999
## 33499	2	0.9999999
## 33500	3	0.9999999
## 33501	3	0.9999999
## 33502	4	0.9999998
## 33503	3	0.9999999
## 33504	2	0.9999999
## 33505	1	0.9999999
## 33506	2	0.9999999
## 33507	4	0.9999999
## 33508	1	0.9999999
## 33509	3	0.9999999

## 33510	4	0.9999999
## 33511	4	0.9999999
## 33512	2	0.9999999
## 33513	3	0.9999999
## 33514	4	0.9999999
## 33515	3	0.9999999
## 33516	4	0.9999999
## 33517	4	0.9999999
## 33518	3	0.9999999
## 33519	2	0.9999998
## 33520	3	0.9999999
## 33521	2	0.9999999
## 33522	2	0.9999999
## 33523	2	0.9999999
## 33524	4	0.9999999
## 33525	3	0.9999999
## 33526	3	0.9999999
## 33527	4	0.9999999
## 33528	3	0.9999999
## 33529	3	0.9999998
## 33530	2	0.9999998
## 33531	2	0.9999998
## 33532	3	0.9999999
## 33533	1	0.9999999
## 33534	4	0.9999999
## 33535	2	0.9999999
## 33536	4	0.9999998
## 33537	2	0.9999999
## 33538	4	0.9999999
## 33539	2	0.9999999
## 33540	2	0.9999999
## 33541	1	0.9999999
## 33542	1	0.9999999
## 33543	2	0.9999999
## 33544	2	0.9999999
## 33545	2	0.9999999
## 33546	2	0.9999999
## 33547	3	0.9999999
## 33548	4	0.9999999
## 33549	2	0.9999999
## 33550	3	0.9999999
## 33551	2	0.9999999
## 33552	2	0.9999998
## 33553	4	0.9999999
## 33554	2	0.9999999
## 33555	2	0.9999998
## 33556	3	0.9999999
## 33557	3	0.9999999
## 33558	4	0.9999999
## 33559	4	0.9999999
## 33560	2	0.9999999
## 33561	3	0.9999999
## 33562	2	0.9999999
## 33563	4	0.9999999

## 33564	3	0.9999999
## 33565	3	0.9999999
## 33566	3	0.9999999
## 33567	2	0.9999999
## 33568	3	0.9999999
## 33569	2	0.9999999
## 33570	2	0.9999999
## 33571	2	0.9999999
## 33572	2	0.9999999
## 33573	2	0.9999999
## 33574	2	0.9999999
## 33575	2	0.9999999
## 33576	2	0.9999999
## 33577	4	0.9999999
## 33578	4	0.9999999
## 33579	3	0.9999999
## 33580	4	0.9999999
## 33581	2	0.9999999
## 33582	1	0.9999999
## 33583	2	0.9999999
## 33584	3	0.9999999
## 33585	4	0.9999999
## 33586	2	0.9999999
## 33587	3	0.9999999
## 33588	2	0.9999999
## 33589	0	0.9999999
## 33590	2	0.9999998
## 33591	2	0.9999999
## 33592	2	0.9999999
## 33593	3	0.9999999
## 33594	2	0.9999999
## 33595	3	0.9999999
## 33596	1	0.9999999
## 33597	3	0.9999999
## 33598	1	0.9999999
## 33599	2	0.9999999
## 33600	3	0.9999999
## 33601	4	0.9999999
## 33602	2	0.9999999
## 33603	3	0.9999999
## 33604	2	0.9999999
## 33605	3	0.9999999
## 33606	2	0.9999999
## 33607	2	0.9999999
## 33608	4	0.9999999
## 33609	4	0.9999999
## 33610	4	0.9999999
## 33611	2	0.9999999
## 33612	2	0.9999999
## 33613	3	0.9999999
## 33614	2	0.9999999
## 33615	4	0.9999999
## 33616	2	0.9999999
## 33617	2	0.9999999

## 33618	2	0.9999999
## 33619	2	0.9999999
## 33620	2	0.9999999
## 33621	1	0.9999999
## 33622	2	0.9999999
## 33623	2	0.9999999
## 33624	2	0.9999999
## 33625	4	0.9999999
## 33626	3	0.9999999
## 33627	3	0.9999999
## 33628	2	0.9999999
## 33629	4	0.9999999
## 33630	2	0.9999999
## 33631	2	0.9999999
## 33632	2	0.9999999
## 33633	3	0.9999999
## 33634	3	0.9999999
## 33635	3	0.9999999
## 33636	1	0.9999999
## 33637	3	0.9999998
## 33638	3	0.9999999
## 33639	2	0.9999999
## 33640	3	0.9999999
## 33641	3	0.9999999
## 33642	2	0.9999999
## 33643	2	0.9999999
## 33644	1	0.9999999
## 33645	2	0.9999999
## 33646	2	0.9999999
## 33647	3	0.9999999
## 33648	0	0.9999999
## 33649	3	0.9999999
## 33650	4	0.9999999
## 33651	1	0.9999999
## 33652	4	0.9999999
## 33653	2	0.9999999
## 33654	0	0.9999999
## 33655	2	0.9999999
## 33656	2	0.9999999
## 33657	2	0.9999999
## 33658	2	0.9999999
## 33659	2	0.9999999
## 33660	1	0.9999999
## 33661	1	0.9999999
## 33662	3	0.9999999
## 33663	2	0.9999999
## 33664	2	0.9999999
## 33665	2	0.9999999
## 33666	4	0.9999999
## 33667	3	0.9999999
## 33668	4	0.9999999
## 33669	2	0.9999999
## 33670	2	0.9999999
## 33671	3	0.9999999

## 33672	2	0.9999999
## 33673	2	0.9999999
## 33674	1	0.9999999
## 33675	3	0.9999999
## 33676	3	0.9999999
## 33677	2	0.9999999
## 33678	2	0.9999999
## 33679	2	0.9999999
## 33680	1	0.9999999
## 33681	3	0.9999999
## 33682	3	0.9999999
## 33683	1	0.9999999
## 33684	2	0.9999999
## 33685	2	0.9999999
## 33686	0	0.9999999
## 33687	2	0.9999999
## 33688	2	0.9999999
## 33689	3	0.9999999
## 33690	2	0.9999999
## 33691	2	0.9999999
## 33692	2	0.9999999
## 33693	3	0.9999998
## 33694	2	0.9999999
## 33695	1	0.9999999
## 33696	3	0.9999999
## 33697	4	0.9999999
## 33698	1	0.9999999
## 33699	3	0.9999999
## 33700	3	0.9999999
## 33701	4	0.9999999
## 33702	3	0.9999999
## 33703	2	0.9999999
## 33704	2	0.9999998
## 33705	4	0.9999999
## 33706	3	0.9999999
## 33707	4	0.9999999
## 33708	4	0.9999999
## 33709	2	0.9999999
## 33710	0	0.9999999
## 33711	2	0.9999999
## 33712	2	0.9999999
## 33713	1	0.9999999
## 33714	2	0.9999999
## 33715	3	0.9999999
## 33716	2	0.9999999
## 33717	3	0.9999999
## 33718	3	0.9999999
## 33719	3	0.9999999
## 33720	3	0.9999999
## 33721	2	0.9999999
## 33722	3	0.9999999
## 33723	4	0.9999999
## 33724	3	0.9999999
## 33725	4	0.9999999

## 33726	2	0.9999999
## 33727	3	0.9999999
## 33728	2	0.9999999
## 33729	2	0.9999999
## 33730	2	0.9999999
## 33731	4	0.9999999
## 33732	3	0.9999999
## 33733	4	0.9999999
## 33734	2	0.9999999
## 33735	4	0.9999999
## 33736	3	0.9999998
## 33737	2	0.9999999
## 33738	4	0.9999999
## 33739	3	0.9999999
## 33740	4	0.9999999
## 33741	3	0.9999999
## 33742	2	0.9999999
## 33743	4	0.9999999
## 33744	2	0.9999999
## 33745	2	0.9999998
## 33746	3	0.9999999
## 33747	3	0.9999999
## 33748	2	0.9999999
## 33749	4	0.9999999
## 33750	3	0.9999999
## 33751	3	0.9999999
## 33752	2	0.9999999
## 33753	3	0.9999999
## 33754	2	0.9999999
## 33755	2	0.9999999
## 33756	2	0.9999998
## 33757	4	0.9999999
## 33758	2	0.9999999
## 33759	3	0.9999999
## 33760	2	0.9999999
## 33761	2	0.9999998
## 33762	3	0.9999999
## 33763	2	0.9999999
## 33764	2	0.9999999
## 33765	2	0.9999999
## 33766	1	0.9999998
## 33767	3	0.9999999
## 33768	4	0.9999999
## 33769	3	0.9999999
## 33770	1	0.9999999
## 33771	3	0.9999999
## 33772	2	0.9999999
## 33773	4	0.9999999
## 33774	2	0.9999999
## 33775	3	0.9999999
## 33776	0	0.9999999
## 33777	3	0.9999999
## 33778	4	0.9999999
## 33779	2	0.9999999

## 33780	1	0.9999999
## 33781	3	0.9999999
## 33782	2	0.9999999
## 33783	3	0.9999999
## 33784	3	0.9999998
## 33785	4	0.9999999
## 33786	0	0.9999999
## 33787	3	0.9999999
## 33788	3	0.9999999
## 33789	2	0.9999999
## 33790	2	0.9999999
## 33791	3	0.9999998
## 33792	4	0.9999999
## 33793	3	0.9999999
## 33794	2	0.9999999
## 33795	2	0.9999999
## 33796	3	0.9999999
## 33797	1	0.9999999
## 33798	4	0.9999999
## 33799	3	0.9999998
## 33800	3	0.9999999
## 33801	3	0.9999999
## 33802	1	0.9999999
## 33803	3	0.9999999
## 33804	4	0.9999999
## 33805	2	0.9999999
## 33806	2	0.9999999
## 33807	2	0.9999999
## 33808	2	0.9999999
## 33809	3	0.9999999
## 33810	3	0.9999999
## 33811	2	0.9999999
## 33812	2	0.9999999
## 33813	2	0.9999999
## 33814	2	0.9999999
## 33815	1	0.9999999
## 33816	3	0.9999999
## 33817	2	0.9999999
## 33818	3	0.9999999
## 33819	1	0.9999999
## 33820	2	0.9999999
## 33821	3	0.9999999
## 33822	2	0.9999999
## 33823	2	0.9999999
## 33824	2	0.9999999
## 33825	3	0.9999999
## 33826	1	0.9999999
## 33827	2	0.9999999
## 33828	4	0.9999999
## 33829	2	0.9999999
## 33830	2	0.9999999
## 33831	2	0.9999999
## 33832	3	0.9999999
## 33833	2	0.9999999

## 33834	3	0.9999999
## 33835	4	0.9999999
## 33836	2	0.9999999
## 33837	2	0.9999999
## 33838	4	0.9999999
## 33839	3	0.9999999
## 33840	2	0.9999999
## 33841	2	0.9999999
## 33842	2	0.9999999
## 33843	4	0.9999999
## 33844	4	0.9999999
## 33845	2	0.9999999
## 33846	2	0.9999999
## 33847	2	0.9999999
## 33848	2	0.9999999
## 33849	2	0.9999999
## 33850	2	0.9999999
## 33851	1	0.9999999
## 33852	2	0.9999999
## 33853	4	0.9999999
## 33854	2	0.9999999
## 33855	4	0.9999999
## 33856	2	0.9999999
## 33857	4	0.9999998
## 33858	4	0.9999999
## 33859	4	0.9999999
## 33860	4	0.9999999
## 33861	2	0.9999999
## 33862	2	0.9999999
## 33863	2	0.9999999
## 33864	4	0.9999999
## 33865	2	0.9999999
## 33866	2	0.9999999
## 33867	2	0.9999999
## 33868	2	0.9999999
## 33869	2	0.9999999
## 33870	2	0.9999999
## 33871	3	0.9999999
## 33872	1	0.9999999
## 33873	2	0.9999999
## 33874	1	0.9999999
## 33875	2	0.9999999
## 33876	3	0.9999999
## 33877	2	0.9999999
## 33878	2	0.9999999
## 33879	4	0.9999999
## 33880	4	0.9999999
## 33881	3	0.9999999
## 33882	2	0.9999999
## 33883	4	0.9999999
## 33884	4	0.9999999
## 33885	2	0.9999999
## 33886	4	0.9999999
## 33887	3	0.9999999

## 33888	1	0.9999999
## 33889	3	0.9999999
## 33890	4	0.9999999
## 33891	3	0.9999999
## 33892	4	0.9999999
## 33893	2	0.9999999
## 33894	2	0.9999999
## 33895	3	0.9999999
## 33896	3	0.9999999
## 33897	2	0.9999999
## 33898	2	0.9999999
## 33899	1	0.9999999
## 33900	2	0.9999999
## 33901	2	0.9999999
## 33902	3	0.9999999
## 33903	2	0.9999999
## 33904	4	0.9999999
## 33905	4	0.9999999
## 33906	2	0.9999999
## 33907	4	0.9999999
## 33908	4	0.9999999
## 33909	1	0.9999998
## 33910	3	0.9999999
## 33911	3	0.9999999
## 33912	2	0.9999999
## 33913	3	0.9999999
## 33914	4	0.9999999
## 33915	2	0.9999999
## 33916	3	0.9999999
## 33917	1	0.9999999
## 33918	3	0.9999999
## 33919	3	0.9999999
## 33920	3	0.9999999
## 33921	4	0.9999998
## 33922	4	0.9999999
## 33923	1	0.9999999
## 33924	1	0.9999999
## 33925	0	0.9999999
## 33926	0	0.9999999
## 33927	4	0.9999999
## 33928	3	0.9999999
## 33929	2	0.9999999
## 33930	4	0.9999999
## 33931	3	0.9999999
## 33932	3	0.9999999
## 33933	4	0.9999999
## 33934	2	0.9999999
## 33935	2	0.9999999
## 33936	4	0.9999999
## 33937	3	0.9999999
## 33938	1	0.9999999
## 33939	3	0.9999999
## 33940	3	0.9999999
## 33941	0	0.9999999

## 33942	2	0.9999999
## 33943	4	0.9999999
## 33944	2	0.9999999
## 33945	2	0.9999999
## 33946	2	0.9999999
## 33947	2	0.9999999
## 33948	4	0.9999999
## 33949	1	0.9999999
## 33950	3	0.9999999
## 33951	2	0.9999999
## 33952	2	0.9999999
## 33953	4	0.9999999
## 33954	2	0.9999999
## 33955	1	0.9999999
## 33956	2	0.9999999
## 33957	2	0.9999999
## 33958	1	0.9999999
## 33959	3	0.9999999
## 33960	4	0.9999999
## 33961	4	0.9999999
## 33962	4	0.9999999
## 33963	3	0.9999999
## 33964	2	0.9999999
## 33965	2	0.9999999
## 33966	3	0.9999998
## 33967	1	0.9999999
## 33968	3	0.9999999
## 33969	1	0.9999999
## 33970	2	0.9999999
## 33971	1	0.9999999
## 33972	4	0.9999999
## 33973	3	0.9999999
## 33974	4	0.9999999
## 33975	3	0.9999998
## 33976	1	0.9999999
## 33977	3	0.9999999
## 33978	2	0.9999999
## 33979	4	0.9999999
## 33980	1	0.9999999
## 33981	2	0.9999999
## 33982	3	0.9999999
## 33983	4	0.9999999
## 33984	3	0.9999999
## 33985	4	0.9999999
## 33986	3	0.9999999
## 33987	4	0.9999999
## 33988	4	0.9999999
## 33989	4	0.9999999
## 33990	3	0.9999999
## 33991	3	0.9999999
## 33992	3	0.9999999
## 33993	3	0.9999999
## 33994	3	0.9999999
## 33995	3	0.9999999

## 33996	2	0.9999999
## 33997	0	0.9999999
## 33998	4	0.9999999
## 33999	2	0.9999999
## 34000	3	0.9999999
## 34001	4	0.9999999
## 34002	2	0.9999999
## 34003	4	0.9999999
## 34004	3	0.9999999
## 34005	4	0.9999999
## 34006	4	0.9999998
## 34007	4	0.9999999
## 34008	4	0.9999999
## 34009	4	0.9999999
## 34010	1	0.9999999
## 34011	3	0.9999999
## 34012	4	0.9999999
## 34013	3	0.9999999
## 34014	1	0.9999999
## 34015	1	0.9999999
## 34016	3	0.9999999
## 34017	2	0.9999999
## 34018	4	0.9999998
## 34019	2	0.9999999
## 34020	3	0.9999999
## 34021	2	0.9999999
## 34022	2	0.9999999
## 34023	2	0.9999999
## 34024	2	0.9999999
## 34025	3	0.9999999
## 34026	2	0.9999999
## 34027	4	0.9999999
## 34028	4	0.9999999
## 34029	2	0.9999999
## 34030	4	0.9999999
## 34031	4	0.9999999
## 34032	2	0.9999999
## 34033	2	0.9999999
## 34034	4	0.9999999
## 34035	1	0.9999999
## 34036	2	0.9999999
## 34037	3	0.9999999
## 34038	1	0.9999999
## 34039	4	0.9999999
## 34040	2	0.9999999
## 34041	2	0.9999999
## 34042	4	0.9999999
## 34043	4	0.9999999
## 34044	3	0.9999999
## 34045	4	0.9999999
## 34046	3	0.9999999
## 34047	2	0.9999999
## 34048	1	0.9999998
## 34049	1	0.9999999

## 34050	4	0.9999999
## 34051	2	0.9999999
## 34052	2	0.9999999
## 34053	0	0.9999999
## 34054	3	0.9999999
## 34055	3	0.9999999
## 34056	2	0.9999999
## 34057	3	0.9999999
## 34058	2	0.9999999
## 34059	3	0.9999999
## 34060	2	0.9999999
## 34061	0	0.9999999
## 34062	3	0.9999999
## 34063	4	0.9999999
## 34064	4	0.9999999
## 34065	2	0.9999999
## 34066	4	0.9999999
## 34067	4	0.9999999
## 34068	3	0.9999999
## 34069	2	0.9999999
## 34070	4	0.9999999
## 34071	3	0.9999999
## 34072	2	0.9999998
## 34073	3	0.9999999
## 34074	2	0.9999998
## 34075	2	0.9999999
## 34076	4	0.9999999
## 34077	2	0.9999999
## 34078	2	0.9999999
## 34079	2	0.9999999
## 34080	3	0.9999999
## 34081	1	0.9999999
## 34082	3	0.9999999
## 34083	4	0.9999999
## 34084	3	0.9999999
## 34085	4	0.9999999
## 34086	1	0.9999999
## 34087	2	0.9999999
## 34088	4	0.9999999
## 34089	3	0.9999999
## 34090	2	0.9999999
## 34091	2	0.9999999
## 34092	1	0.9999999
## 34093	3	0.9999999
## 34094	2	0.9999999
## 34095	2	0.9999999
## 34096	2	0.9999999
## 34097	2	0.9999999
## 34098	4	0.9999999
## 34099	3	0.9999999
## 34100	3	0.9999999
## 34101	3	0.9999999
## 34102	4	0.9999999
## 34103	2	0.9999999

## 34104	4	0.9999999
## 34105	4	0.9999999
## 34106	4	0.9999999
## 34107	3	0.9999998
## 34108	1	0.9999999
## 34109	2	0.9999999
## 34110	2	0.9999999
## 34111	2	0.9999999
## 34112	3	0.9999998
## 34113	2	0.9999999
## 34114	2	0.9999999
## 34115	1	0.9999999
## 34116	4	0.9999999
## 34117	2	0.9999998
## 34118	0	0.9999999
## 34119	3	0.9999999
## 34120	3	0.9999999
## 34121	4	0.9999999
## 34122	4	0.9999998
## 34123	3	0.9999999
## 34124	2	0.9999999
## 34125	2	0.9999999
## 34126	2	0.9999998
## 34127	1	0.9999999
## 34128	3	0.9999999
## 34129	1	0.9999998
## 34130	4	0.9999999
## 34131	4	0.9999999
## 34132	1	0.9999999
## 34133	4	0.9999999
## 34134	0	0.9999999
## 34135	1	0.9999999
## 34136	2	0.9999999
## 34137	2	0.9999999
## 34138	3	0.9999999
## 34139	2	0.9999999
## 34140	2	0.9999999
## 34141	2	0.9999999
## 34142	4	0.9999999
## 34143	3	0.9999998
## 34144	2	0.9999999
## 34145	3	0.9999999
## 34146	4	0.9999999
## 34147	4	0.9999999
## 34148	2	0.9999999
## 34149	2	0.9999999
## 34150	4	0.9999999
## 34151	2	0.9999999
## 34152	4	0.9999999
## 34153	2	0.9999999
## 34154	4	0.9999999
## 34155	1	0.9999999
## 34156	2	0.9999999
## 34157	2	0.9999999

## 34158	4	0.9999999
## 34159	2	0.9999999
## 34160	1	0.9999999
## 34161	4	0.9999999
## 34162	4	0.9999998
## 34163	2	0.9999999
## 34164	2	0.9999999
## 34165	2	0.9999999
## 34166	1	0.9999999
## 34167	4	0.9999999
## 34168	4	0.9999999
## 34169	3	0.9999999
## 34170	2	0.9999999
## 34171	2	0.9999999
## 34172	2	0.9999999
## 34173	3	0.9999998
## 34174	3	0.9999999
## 34175	2	0.9999999
## 34176	2	0.9999999
## 34177	3	0.9999999
## 34178	3	0.9999999
## 34179	4	0.9999999
## 34180	3	0.9999999
## 34181	3	0.9999999
## 34182	2	0.9999999
## 34183	2	0.9999999
## 34184	2	0.9999999
## 34185	3	0.9999999
## 34186	2	0.9999999
## 34187	2	0.9999998
## 34188	0	0.9999999
## 34189	4	0.9999999
## 34190	3	0.9999999
## 34191	4	0.9999999
## 34192	2	0.9999999
## 34193	4	0.9999999
## 34194	2	0.9999999
## 34195	2	0.9999999
## 34196	2	0.9999999
## 34197	2	0.9999999
## 34198	2	0.9999999
## 34199	1	0.9999999
## 34200	2	0.9999999
## 34201	2	0.9999999
## 34202	4	0.9999999
## 34203	2	0.9999999
## 34204	3	0.9999999
## 34205	3	0.9999999
## 34206	3	0.9999999
## 34207	1	0.9999999
## 34208	2	0.9999999
## 34209	3	0.9999999
## 34210	2	0.9999999
## 34211	3	0.9999999

## 34212	1	0.9999999
## 34213	2	0.9999999
## 34214	3	0.9999998
## 34215	4	0.9999999
## 34216	3	0.9999999
## 34217	2	0.9999999
## 34218	2	0.9999999
## 34219	2	0.9999999
## 34220	2	0.9999999
## 34221	2	0.9999999
## 34222	4	0.9999999
## 34223	4	0.9999999
## 34224	3	0.9999998
## 34225	2	0.9999999
## 34226	3	0.9999999
## 34227	3	0.9999999
## 34228	2	0.9999999
## 34229	2	0.9999999
## 34230	4	0.9999999
## 34231	2	0.9999999
## 34232	4	0.9999999
## 34233	4	0.9999999
## 34234	2	0.9999999
## 34235	4	0.9999999
## 34236	2	0.9999999
## 34237	4	0.9999999
## 34238	3	0.9999999
## 34239	2	0.9999999
## 34240	4	0.9999999
## 34241	1	0.9999999
## 34242	4	0.9999999
## 34243	2	0.9999999
## 34244	3	0.9999999
## 34245	2	0.9999999
## 34246	2	0.9999999
## 34247	3	0.9999999
## 34248	4	0.9999999
## 34249	1	0.9999999
## 34250	3	0.9999999
## 34251	2	0.9999999
## 34252	4	0.9999999
## 34253	3	0.9999999
## 34254	2	0.9999999
## 34255	2	0.9999999
## 34256	2	0.9999999
## 34257	3	0.9999999
## 34258	1	0.9999998
## 34259	2	0.9999999
## 34260	3	0.9999999
## 34261	3	0.9999999
## 34262	4	0.9999999
## 34263	3	0.9999999
## 34264	2	0.9999999
## 34265	4	0.9999999

## 34266	4	0.9999999
## 34267	2	0.9999998
## 34268	2	0.9999999
## 34269	4	0.9999999
## 34270	2	0.9999999
## 34271	4	0.9999999
## 34272	2	0.9999999
## 34273	4	0.9999999
## 34274	2	0.9999999
## 34275	3	0.9999999
## 34276	4	0.9999998
## 34277	2	0.9999999
## 34278	2	0.9999999
## 34279	2	0.9999999
## 34280	4	0.9999999
## 34281	1	0.9999999
## 34282	1	0.9999999
## 34283	2	0.9999999
## 34284	3	0.9999999
## 34285	2	0.9999999
## 34286	3	0.9999999
## 34287	4	0.9999999
## 34288	4	0.9999999
## 34289	3	0.9999999
## 34290	3	0.9999999
## 34291	2	0.9999999
## 34292	4	0.9999999
## 34293	2	0.9999999
## 34294	3	0.9999999
## 34295	3	0.9999999
## 34296	2	0.9999999
## 34297	2	0.9999999
## 34298	2	0.9999999
## 34299	2	0.9999999
## 34300	2	0.9999999
## 34301	3	0.9999999
## 34302	3	0.9999999
## 34303	4	0.9999999
## 34304	2	0.9999999
## 34305	1	0.9999999
## 34306	3	0.9999999
## 34307	2	0.9999999
## 34308	2	0.9999999
## 34309	1	0.9999999
## 34310	3	0.9999999
## 34311	3	0.9999999
## 34312	3	0.9999999
## 34313	4	0.9999999
## 34314	4	0.9999999
## 34315	3	0.9999999
## 34316	2	0.9999999
## 34317	2	0.9999999
## 34318	3	0.9999999
## 34319	2	0.9999999

## 34320	3	0.9999999
## 34321	1	0.9999999
## 34322	2	0.9999999
## 34323	2	0.9999999
## 34324	3	0.9999999
## 34325	3	0.9999998
## 34326	3	0.9999999
## 34327	2	0.9999999
## 34328	2	0.9999999
## 34329	2	0.9999999
## 34330	2	0.9999999
## 34331	2	0.9999999
## 34332	2	0.9999999
## 34333	3	0.9999999
## 34334	4	0.9999999
## 34335	2	0.9999999
## 34336	4	0.9999999
## 34337	2	0.9999999
## 34338	3	0.9999999
## 34339	4	0.9999999
## 34340	3	0.9999999
## 34341	2	0.9999999
## 34342	2	0.9999999
## 34343	4	0.9999999
## 34344	2	0.9999999
## 34345	2	0.9999999
## 34346	3	0.9999999
## 34347	3	0.9999999
## 34348	2	0.9999999
## 34349	2	0.9999999
## 34350	1	0.9999999
## 34351	2	0.9999999
## 34352	2	0.9999999
## 34353	4	0.9999999
## 34354	2	0.9999999
## 34355	2	0.9999999
## 34356	0	0.9999998
## 34357	2	0.9999999
## 34358	2	0.9999999
## 34359	4	0.9999999
## 34360	2	0.9999999
## 34361	3	0.9999999
## 34362	4	0.9999999
## 34363	3	0.9999998
## 34364	4	0.9999999
## 34365	4	0.9999999
## 34366	2	0.9999999
## 34367	3	0.9999999
## 34368	3	0.9999999
## 34369	1	0.9999999
## 34370	2	0.9999999
## 34371	1	0.9999999
## 34372	2	0.9999999
## 34373	2	0.9999999

## 34374	2	0.9999999
## 34375	2	0.9999999
## 34376	2	0.9999999
## 34377	4	0.9999999
## 34378	1	0.9999999
## 34379	2	0.9999999
## 34380	0	0.9999999
## 34381	0	0.9999998
## 34382	2	0.9999999
## 34383	2	0.9999999
## 34384	2	0.9999999
## 34385	2	0.9999999
## 34386	3	0.9999999
## 34387	1	0.9999999
## 34388	2	0.9999999
## 34389	3	0.9999999
## 34390	1	0.9999999
## 34391	3	0.9999999
## 34392	3	0.9999999
## 34393	4	0.9999999
## 34394	2	0.9999999
## 34395	2	0.9999999
## 34396	4	0.9999999
## 34397	2	0.9999999
## 34398	3	0.9999999
## 34399	2	0.9999999
## 34400	3	0.9999999
## 34401	1	0.9999999
## 34402	1	0.9999999
## 34403	4	0.9999999
## 34404	3	0.9999999
## 34405	2	0.9999999
## 34406	4	0.9999999
## 34407	2	0.9999999
## 34408	3	0.9999999
## 34409	2	0.9999999
## 34410	4	0.9999998
## 34411	4	0.9999999
## 34412	2	0.9999998
## 34413	2	0.9999999
## 34414	2	0.9999999
## 34415	4	0.9999998
## 34416	2	0.9999999
## 34417	2	0.9999999
## 34418	2	0.9999999
## 34419	2	0.9999999
## 34420	2	0.9999999
## 34421	2	0.9999999
## 34422	4	0.9999999
## 34423	2	0.9999998
## 34424	3	0.9999998
## 34425	4	0.9999999
## 34426	3	0.9999998
## 34427	2	0.9999999

## 34428	2	0.9999999
## 34429	3	0.9999999
## 34430	4	0.9999999
## 34431	3	0.9999999
## 34432	1	0.9999999
## 34433	3	0.9999999
## 34434	3	0.9999999
## 34435	3	0.9999999
## 34436	4	0.9999999
## 34437	4	0.9999999
## 34438	2	0.9999999
## 34439	2	0.9999999
## 34440	2	0.9999999
## 34441	4	0.9999999
## 34442	2	0.9999999
## 34443	3	0.9999999
## 34444	4	0.9999999
## 34445	4	0.9999999
## 34446	2	0.9999999
## 34447	4	0.9999999
## 34448	4	0.9999999
## 34449	2	0.9999999
## 34450	4	0.9999999
## 34451	3	0.9999999
## 34452	2	0.9999999
## 34453	4	0.9999998
## 34454	3	0.9999999
## 34455	2	0.9999999
## 34456	3	0.9999999
## 34457	4	0.9999999
## 34458	3	0.9999999
## 34459	4	0.9999999
## 34460	2	0.9999999
## 34461	2	0.9999999
## 34462	3	0.9999999
## 34463	2	0.9999999
## 34464	1	0.9999999
## 34465	2	0.9999999
## 34466	3	0.9999999
## 34467	2	0.9999999
## 34468	0	0.9999999
## 34469	3	0.9999999
## 34470	2	0.9999999
## 34471	2	0.9999999
## 34472	3	0.9999999
## 34473	3	0.9999999
## 34474	1	0.9999999
## 34475	3	0.9999999
## 34476	2	0.9999998
## 34477	3	0.9999999
## 34478	4	0.9999999
## 34479	4	0.9999999
## 34480	2	0.9999999
## 34481	2	0.9999999

## 34482	3	0.9999999
## 34483	4	0.9999999
## 34484	2	0.9999999
## 34485	3	0.9999999
## 34486	3	0.9999999
## 34487	2	0.9999999
## 34488	4	0.9999999
## 34489	4	0.9999999
## 34490	2	0.9999999
## 34491	2	0.9999999
## 34492	1	0.9999999
## 34493	3	0.9999999
## 34494	2	0.9999999
## 34495	2	0.9999999
## 34496	2	0.9999999
## 34497	2	0.9999999
## 34498	2	0.9999999
## 34499	2	0.9999999
## 34500	2	0.9999998
## 34501	3	0.9999999
## 34502	4	0.9999999
## 34503	2	0.9999999
## 34504	3	0.9999998
## 34505	1	0.9999999
## 34506	2	0.9999999
## 34507	2	0.9999999
## 34508	2	0.9999999
## 34509	2	0.9999999
## 34510	2	0.9999999
## 34511	4	0.9999999
## 34512	1	0.9999999
## 34513	1	0.9999999
## 34514	2	0.9999999
## 34515	0	0.9999999
## 34516	2	0.9999999
## 34517	4	0.9999999
## 34518	3	0.9999999
## 34519	3	0.9999999
## 34520	2	0.9999999
## 34521	2	0.9999999
## 34522	2	0.9999999
## 34523	4	0.9999999
## 34524	2	0.9999998
## 34525	4	0.9999999
## 34526	3	0.9999999
## 34527	2	0.9999999
## 34528	0	0.9999999
## 34529	1	0.9999999
## 34530	4	0.9999999
## 34531	4	0.9999999
## 34532	2	0.9999999
## 34533	2	0.9999999
## 34534	4	0.9999999
## 34535	2	0.9999999

## 34536	4	0.9999999
## 34537	3	0.9999999
## 34538	3	0.9999999
## 34539	4	0.9999999
## 34540	2	0.9999999
## 34541	4	0.9999999
## 34542	2	0.9999999
## 34543	4	0.9999999
## 34544	2	0.9999999
## 34545	4	0.9999999
## 34546	4	0.9999999
## 34547	2	0.9999999
## 34548	2	0.9999999
## 34549	3	0.9999999
## 34550	2	0.9999999
## 34551	2	0.9999999
## 34552	3	0.9999999
## 34553	3	0.9999999
## 34554	3	0.9999999
## 34555	2	0.9999999
## 34556	2	0.9999999
## 34557	4	0.9999999
## 34558	3	0.9999999
## 34559	3	0.9999999
## 34560	4	0.9999999
## 34561	3	0.9999999
## 34562	2	0.9999999
## 34563	3	0.9999999
## 34564	2	0.9999999
## 34565	3	0.9999999
## 34566	1	0.9999999
## 34567	1	0.9999999
## 34568	2	0.9999999
## 34569	2	0.9999999
## 34570	3	0.9999999
## 34571	0	0.9999999
## 34572	2	0.9999999
## 34573	2	0.9999998
## 34574	3	0.9999999
## 34575	4	0.9999999
## 34576	3	0.9999999
## 34577	1	0.9999999
## 34578	4	0.9999999
## 34579	2	0.9999999
## 34580	4	0.9999999
## 34581	1	0.9999999
## 34582	4	0.9999999
## 34583	4	0.9999999
## 34584	4	0.9999999
## 34585	2	0.9999999
## 34586	1	0.9999999
## 34587	4	0.9999999
## 34588	0	0.9999999
## 34589	2	0.9999999

## 34590	2	0.9999999
## 34591	2	0.9999999
## 34592	1	0.9999999
## 34593	4	0.9999999
## 34594	3	0.9999999
## 34595	4	0.9999999
## 34596	2	0.9999999
## 34597	4	0.9999999
## 34598	2	0.9999999
## 34599	4	0.9999999
## 34600	3	0.9999999
## 34601	4	0.9999999
## 34602	4	0.9999999
## 34603	3	0.9999999
## 34604	3	0.9999999
## 34605	1	0.9999999
## 34606	3	0.9999999
## 34607	3	0.9999999
## 34608	3	0.9999999
## 34609	0	0.9999999
## 34610	3	0.9999999
## 34611	2	0.9999999
## 34612	3	0.9999999
## 34613	3	0.9999999
## 34614	1	0.9999999
## 34615	2	0.9999999
## 34616	4	0.9999999
## 34617	3	0.9999999
## 34618	1	0.9999999
## 34619	2	0.9999999
## 34620	4	0.9999999
## 34621	1	0.9999999
## 34622	4	0.9999999
## 34623	0	0.9999999
## 34624	3	0.9999999
## 34625	0	0.9999999
## 34626	4	0.9999999
## 34627	1	0.9999999
## 34628	4	0.9999998
## 34629	3	0.9999999
## 34630	2	0.9999999
## 34631	3	0.9999999
## 34632	2	0.9999999
## 34633	4	0.9999999
## 34634	4	0.9999999
## 34635	4	0.9999999
## 34636	4	0.9999999
## 34637	4	0.9999999
## 34638	3	0.9999999
## 34639	4	0.9999999
## 34640	2	0.9999999
## 34641	4	0.9999999
## 34642	2	0.9999999
## 34643	3	0.9999999

## 34644	3	0.9999999
## 34645	2	0.9999999
## 34646	1	0.9999999
## 34647	1	0.9999998
## 34648	4	0.9999998
## 34649	1	0.9999999
## 34650	1	0.9999999
## 34651	2	0.9999999
## 34652	2	0.9999999
## 34653	1	0.9999999
## 34654	2	0.9999999
## 34655	0	0.9999999
## 34656	2	0.9999999
## 34657	2	0.9999999
## 34658	0	0.9999999
## 34659	1	0.9999999
## 34660	4	0.9999999
## 34661	3	0.9999999
## 34662	2	0.9999999
## 34663	2	0.9999999
## 34664	2	0.9999999
## 34665	3	0.9999999
## 34666	3	0.9999998
## 34667	4	0.9999999
## 34668	3	0.9999999
## 34669	4	0.9999999
## 34670	2	0.9999999
## 34671	3	0.9999999
## 34672	2	0.9999999
## 34673	3	0.9999999
## 34674	3	0.9999999
## 34675	1	0.9999999
## 34676	2	0.9999999
## 34677	3	0.9999999
## 34678	3	0.9999999
## 34679	2	0.9999999
## 34680	2	0.9999999
## 34681	2	0.9999999
## 34682	3	0.9999999
## 34683	1	0.9999999
## 34684	3	0.9999999
## 34685	2	0.9999999
## 34686	3	0.9999999
## 34687	2	0.9999999
## 34688	2	0.9999999
## 34689	3	0.9999999
## 34690	1	0.9999999
## 34691	2	0.9999999
## 34692	2	0.9999999
## 34693	1	0.9999999
## 34694	2	0.9999999
## 34695	3	0.9999999
## 34696	3	0.9999999
## 34697	1	0.9999999

## 34698	3	0.9999998
## 34699	3	0.9999999
## 34700	2	0.9999999
## 34701	3	0.9999999
## 34702	1	0.9999999
## 34703	3	0.9999999
## 34704	2	0.9999999
## 34705	4	0.9999998
## 34706	4	0.9999999
## 34707	2	0.9999999
## 34708	1	0.9999999
## 34709	2	0.9999999
## 34710	4	0.9999999
## 34711	4	0.9999999
## 34712	2	0.9999999
## 34713	3	0.9999999
## 34714	1	0.9999999
## 34715	1	0.9999999
## 34716	4	0.9999999
## 34717	2	0.9999999
## 34718	2	0.9999999
## 34719	2	0.9999999
## 34720	0	0.9999999
## 34721	3	0.9999999
## 34722	2	0.9999999
## 34723	1	0.9999999
## 34724	0	0.9999999
## 34725	2	0.9999998
## 34726	1	0.9999999
## 34727	4	0.9999999
## 34728	4	0.9999999
## 34729	1	0.9999999
## 34730	2	0.9999999
## 34731	3	0.9999999
## 34732	2	0.9999999
## 34733	2	0.9999999
## 34734	2	0.9999999
## 34735	3	0.9999999
## 34736	2	0.9999999
## 34737	2	0.9999999
## 34738	2	0.9999999
## 34739	3	0.9999999
## 34740	1	0.9999999
## 34741	2	0.9999999
## 34742	3	0.9999999
## 34743	1	0.9999999
## 34744	4	0.9999999
## 34745	4	0.9999999
## 34746	1	0.9999999
## 34747	2	0.9999999
## 34748	3	0.9999999
## 34749	3	0.9999999
## 34750	3	0.9999999
## 34751	3	0.9999999

## 34752	3	0.9999999
## 34753	1	0.9999999
## 34754	0	0.9999999
## 34755	2	0.9999999
## 34756	4	0.9999999
## 34757	2	0.9999999
## 34758	2	0.9999999
## 34759	3	0.9999999
## 34760	4	0.9999999
## 34761	3	0.9999998
## 34762	2	0.9999999
## 34763	2	0.9999999
## 34764	3	0.9999998
## 34765	2	0.9999999
## 34766	2	0.9999999
## 34767	4	0.9999999
## 34768	1	0.9999999
## 34769	1	0.9999999
## 34770	3	0.9999999
## 34771	3	0.9999999
## 34772	4	0.9999999
## 34773	2	0.9999998
## 34774	3	0.9999999
## 34775	3	0.9999999
## 34776	3	0.9999999
## 34777	4	0.9999999
## 34778	3	0.9999999
## 34779	4	0.9999999
## 34780	2	0.9999999
## 34781	4	0.9999999
## 34782	2	0.9999999
## 34783	3	0.9999999
## 34784	4	0.9999999
## 34785	4	0.9999999
## 34786	3	0.9999999
## 34787	2	0.9999999
## 34788	3	0.9999999
## 34789	3	0.9999999
## 34790	1	0.9999999
## 34791	2	0.9999999
## 34792	4	0.9999999
## 34793	4	0.9999999
## 34794	2	0.9999999
## 34795	2	0.9999999
## 34796	3	0.9999998
## 34797	2	0.9999999
## 34798	2	0.9999999
## 34799	4	0.9999999
## 34800	3	0.9999999
## 34801	3	0.9999999
## 34802	4	0.9999999
## 34803	3	0.9999999
## 34804	3	0.9999999
## 34805	3	0.9999999

## 34806	2	0.9999999
## 34807	3	0.9999999
## 34808	1	0.9999999
## 34809	1	0.9999999
## 34810	2	0.9999999
## 34811	3	0.9999999
## 34812	3	0.9999999
## 34813	2	0.9999999
## 34814	1	0.9999999
## 34815	2	0.9999999
## 34816	3	0.9999999
## 34817	3	0.9999999
## 34818	3	0.9999999
## 34819	3	0.9999999
## 34820	3	0.9999999
## 34821	1	0.9999998
## 34822	3	0.9999999
## 34823	4	0.9999999
## 34824	3	0.9999999
## 34825	3	0.9999999
## 34826	2	0.9999999
## 34827	1	0.9999999
## 34828	2	0.9999999
## 34829	3	0.9999999
## 34830	2	0.9999999
## 34831	4	0.9999999
## 34832	2	0.9999999
## 34833	2	0.9999999
## 34834	2	0.9999999
## 34835	4	0.9999999
## 34836	3	0.9999999
## 34837	4	0.9999999
## 34838	2	0.9999999
## 34839	2	0.9999999
## 34840	3	0.9999999
## 34841	2	0.9999999
## 34842	2	0.9999999
## 34843	1	0.9999999
## 34844	3	0.9999999
## 34845	4	0.9999999
## 34846	4	0.9999999
## 34847	0	0.9999999
## 34848	2	0.9999999
## 34849	4	0.9999999
## 34850	4	0.9999999
## 34851	3	0.9999999
## 34852	1	0.9999999
## 34853	4	0.9999999
## 34854	3	0.9999999
## 34855	4	0.9999999
## 34856	2	0.9999999
## 34857	4	0.9999998
## 34858	3	0.9999999
## 34859	2	0.9999999

## 34860	2	0.9999999
## 34861	2	0.9999999
## 34862	4	0.9999998
## 34863	3	0.9999999
## 34864	2	0.9999999
## 34865	3	0.9999999
## 34866	2	0.9999999
## 34867	0	0.9999999
## 34868	3	0.9999999
## 34869	2	0.9999999
## 34870	4	0.9999999
## 34871	2	0.9999999
## 34872	2	0.9999999
## 34873	2	0.9999999
## 34874	2	0.9999999
## 34875	2	0.9999999
## 34876	3	0.9999999
## 34877	3	0.9999999
## 34878	2	0.9999999
## 34879	1	0.9999999
## 34880	2	0.9999999
## 34881	1	0.9999999
## 34882	1	0.9999999
## 34883	4	0.9999999
## 34884	1	0.9999999
## 34885	3	0.9999999
## 34886	1	0.9999999
## 34887	4	0.9999999
## 34888	2	0.9999999
## 34889	4	0.9999999
## 34890	4	0.9999999
## 34891	4	0.9999999
## 34892	3	0.9999999
## 34893	3	0.9999999
## 34894	4	0.9999999
## 34895	4	0.9999999
## 34896	3	0.9999999
## 34897	4	0.9999999
## 34898	4	0.9999999
## 34899	2	0.9999999
## 34900	1	0.9999999
## 34901	2	0.9999998
## 34902	4	0.9999999
## 34903	2	0.9999999
## 34904	1	0.9999999
## 34905	3	0.9999999
## 34906	3	0.9999999
## 34907	2	0.9999999
## 34908	2	0.9999999
## 34909	3	0.9999999
## 34910	3	0.9999999
## 34911	2	0.9999999
## 34912	4	0.9999999
## 34913	3	0.9999999

## 34914	3	0.9999999
## 34915	4	0.9999998
## 34916	3	0.9999999
## 34917	2	0.9999999
## 34918	2	0.9999999
## 34919	3	0.9999999
## 34920	2	0.9999999
## 34921	3	0.9999999
## 34922	2	0.9999999
## 34923	0	0.9999999
## 34924	4	0.9999999
## 34925	4	0.9999999
## 34926	2	0.9999998
## 34927	1	0.9999999
## 34928	3	0.9999998
## 34929	3	0.9999999
## 34930	1	0.9999999
## 34931	3	0.9999999
## 34932	2	0.9999999
## 34933	2	0.9999999
## 34934	2	0.9999998
## 34935	2	0.9999999
## 34936	3	0.9999999
## 34937	4	0.9999999
## 34938	4	0.9999999
## 34939	2	0.9999999
## 34940	2	0.9999999
## 34941	1	0.9999999
## 34942	2	0.9999999
## 34943	2	0.9999999
## 34944	2	0.9999999
## 34945	4	0.9999999
## 34946	4	0.9999999
## 34947	4	0.9999999
## 34948	2	0.9999999
## 34949	4	0.9999998
## 34950	2	0.9999999
## 34951	3	0.9999999
## 34952	0	0.9999999
## 34953	3	0.9999999
## 34954	2	0.9999999
## 34955	2	0.9999999
## 34956	1	0.9999999
## 34957	3	0.9999999
## 34958	3	0.9999999
## 34959	4	0.9999999
## 34960	3	0.9999999
## 34961	4	0.9999999
## 34962	3	0.9999999
## 34963	3	0.9999999
## 34964	2	0.9999999
## 34965	1	0.9999999
## 34966	3	0.9999999
## 34967	4	0.9999999

## 34968	3	0.9999999
## 34969	4	0.9999999
## 34970	2	0.9999999
## 34971	4	0.9999999
## 34972	3	0.9999999
## 34973	2	0.9999999
## 34974	4	0.9999999
## 34975	2	0.9999999
## 34976	2	0.9999999
## 34977	3	0.9999999
## 34978	3	0.9999999
## 34979	1	0.9999999
## 34980	4	0.9999999
## 34981	2	0.9999999
## 34982	4	0.9999999
## 34983	3	0.9999999
## 34984	2	0.9999999
## 34985	2	0.9999999
## 34986	2	0.9999999
## 34987	3	0.9999999
## 34988	2	0.9999999
## 34989	3	0.9999998
## 34990	3	0.9999999
## 34991	0	0.9999999
## 34992	2	0.9999999
## 34993	2	0.9999999
## 34994	2	0.9999999
## 34995	2	0.9999999
## 34996	1	0.9999999
## 34997	3	0.9999999
## 34998	3	0.9999999
## 34999	3	0.9999999
## 35000	3	0.9999999
## 35001	1	0.9999999
## 35002	3	0.9999999
## 35003	2	0.9999999
## 35004	2	0.9999999
## 35005	4	0.9999999
## 35006	2	0.9999999
## 35007	0	0.9999999
## 35008	1	0.9999999
## 35009	2	0.9999999
## 35010	2	0.9999999
## 35011	4	0.9999999
## 35012	2	0.9999999
## 35013	4	0.9999999
## 35014	4	0.9999999
## 35015	4	0.9999999
## 35016	4	0.9999999
## 35017	2	0.9999999
## 35018	4	0.9999999
## 35019	2	0.9999999
## 35020	2	0.9999999
## 35021	4	0.9999999

## 35022	4	0.9999999
## 35023	2	0.9999999
## 35024	2	0.9999999
## 35025	4	0.9999999
## 35026	2	0.9999999
## 35027	3	0.9999999
## 35028	3	0.9999999
## 35029	1	0.9999999
## 35030	2	0.9999999
## 35031	4	0.9999999
## 35032	2	0.9999999
## 35033	2	0.9999999
## 35034	2	0.9999999
## 35035	4	0.9999999
## 35036	4	0.9999999
## 35037	2	0.9999999
## 35038	2	0.9999999
## 35039	0	0.9999999
## 35040	2	0.9999999
## 35041	2	0.9999999
## 35042	3	0.9999999
## 35043	2	0.9999999
## 35044	3	0.9999999
## 35045	4	0.9999999
## 35046	3	0.9999999
## 35047	2	0.9999999
## 35048	2	0.9999999
## 35049	2	0.9999999
## 35050	3	0.9999999
## 35051	2	0.9999999
## 35052	3	0.9999999
## 35053	2	0.9999999
## 35054	1	0.9999999
## 35055	1	0.9999999
## 35056	3	0.9999999
## 35057	2	0.9999999
## 35058	2	0.9999999
## 35059	3	0.9999999
## 35060	3	0.9999999
## 35061	1	0.9999999
## 35062	2	0.9999999
## 35063	4	0.9999999
## 35064	3	0.9999999
## 35065	3	0.9999999
## 35066	2	0.9999999
## 35067	2	0.9999998
## 35068	2	0.9999999
## 35069	3	0.9999998
## 35070	0	0.9999999
## 35071	2	0.9999999
## 35072	4	0.9999999
## 35073	1	0.9999999
## 35074	3	0.9999999
## 35075	2	0.9999999

## 35076	4	0.9999999
## 35077	4	0.9999999
## 35078	2	0.9999999
## 35079	4	0.9999999
## 35080	2	0.9999999
## 35081	3	0.9999999
## 35082	2	0.9999999
## 35083	0	0.9999999
## 35084	3	0.9999999
## 35085	4	0.9999999
## 35086	2	0.9999999
## 35087	4	0.9999999
## 35088	3	0.9999999
## 35089	4	0.9999999
## 35090	3	0.9999999
## 35091	2	0.9999999
## 35092	2	0.9999999
## 35093	4	0.9999999
## 35094	2	0.9999999
## 35095	1	0.9999999
## 35096	3	0.9999999
## 35097	3	0.9999999
## 35098	3	0.9999999
## 35099	2	0.9999999
## 35100	4	0.9999999
## 35101	4	0.9999999
## 35102	2	0.9999999
## 35103	4	0.9999999
## 35104	4	0.9999999
## 35105	3	0.9999999
## 35106	2	0.9999999
## 35107	3	0.9999999
## 35108	2	0.9999999
## 35109	2	0.9999999
## 35110	3	0.9999999
## 35111	0	0.9999999
## 35112	3	0.9999999
## 35113	2	0.9999999
## 35114	4	0.9999999
## 35115	2	0.9999999
## 35116	0	0.9999998
## 35117	2	0.9999999
## 35118	3	0.9999999
## 35119	2	0.9999999
## 35120	2	0.9999999
## 35121	2	0.9999999
## 35122	2	0.9999998
## 35123	2	0.9999999
## 35124	2	0.9999999
## 35125	2	0.9999999
## 35126	4	0.9999999
## 35127	2	0.9999999
## 35128	2	0.9999999
## 35129	4	0.9999999

## 35130	3	0.9999999
## 35131	3	0.9999998
## 35132	1	0.9999999
## 35133	2	0.9999999
## 35134	4	0.9999999
## 35135	2	0.9999999
## 35136	4	0.9999999
## 35137	4	0.9999999
## 35138	2	0.9999999
## 35139	2	0.9999999
## 35140	4	0.9999999
## 35141	4	0.9999999
## 35142	2	0.9999999
## 35143	3	0.9999999
## 35144	3	0.9999999
## 35145	2	0.9999999
## 35146	4	0.9999999
## 35147	3	0.9999999
## 35148	2	0.9999999
## 35149	3	0.9999999
## 35150	2	0.9999999
## 35151	4	0.9999999
## 35152	1	0.9999999
## 35153	0	0.9999999
## 35154	2	0.9999998
## 35155	2	0.9999999
## 35156	3	0.9999999
## 35157	3	0.9999999
## 35158	4	0.9999999
## 35159	2	0.9999999
## 35160	2	0.9999999
## 35161	4	0.9999999
## 35162	3	0.9999999
## 35163	2	0.9999999
## 35164	3	0.9999999
## 35165	4	0.9999999
## 35166	4	0.9999999
## 35167	1	0.9999999
## 35168	3	0.9999999
## 35169	3	0.9999999
## 35170	2	0.9999999
## 35171	2	0.9999998
## 35172	2	0.9999999
## 35173	2	0.9999999
## 35174	3	0.9999999
## 35175	0	0.9999999
## 35176	3	0.9999999
## 35177	2	0.9999999
## 35178	2	0.9999999
## 35179	3	0.9999999
## 35180	2	0.9999999
## 35181	2	0.9999999
## 35182	4	0.9999999
## 35183	2	0.9999999

## 35184	4	0.9999999
## 35185	4	0.9999999
## 35186	3	0.9999999
## 35187	4	0.9999999
## 35188	2	0.9999999
## 35189	2	0.9999998
## 35190	4	0.9999999
## 35191	4	0.9999999
## 35192	2	0.9999998
## 35193	2	0.9999999
## 35194	1	0.9999999
## 35195	3	0.9999999
## 35196	3	0.9999999
## 35197	2	0.9999999
## 35198	4	0.9999999
## 35199	1	0.9999999
## 35200	2	0.9999999
## 35201	4	0.9999999
## 35202	3	0.9999999
## 35203	0	0.9999999
## 35204	2	0.9999999
## 35205	3	0.9999999
## 35206	4	0.9999999
## 35207	2	0.9999999
## 35208	0	0.9999999
## 35209	3	0.9999999
## 35210	4	0.9999999
## 35211	3	0.9999999
## 35212	4	0.9999999
## 35213	2	0.9999999
## 35214	2	0.9999999
## 35215	2	0.9999999
## 35216	1	0.9999999
## 35217	2	0.9999999
## 35218	2	0.9999999
## 35219	4	0.9999999
## 35220	2	0.9999999
## 35221	3	0.9999999
## 35222	1	0.9999999
## 35223	2	0.9999999
## 35224	2	0.9999999
## 35225	2	0.9999999
## 35226	2	0.9999999
## 35227	3	0.9999999
## 35228	2	0.9999998
## 35229	3	0.9999999
## 35230	3	0.9999999
## 35231	3	0.9999999
## 35232	2	0.9999999
## 35233	2	0.9999999
## 35234	4	0.9999998
## 35235	4	0.9999999
## 35236	2	0.9999999
## 35237	2	0.9999999

## 35238	3	0.9999999
## 35239	2	0.9999999
## 35240	3	0.9999999
## 35241	3	0.9999999
## 35242	2	0.9999999
## 35243	2	0.9999999
## 35244	2	0.9999999
## 35245	3	0.9999999
## 35246	3	0.9999999
## 35247	3	0.9999999
## 35248	3	0.9999999
## 35249	1	0.9999999
## 35250	3	0.9999998
## 35251	4	0.9999999
## 35252	2	0.9999999
## 35253	4	0.9999999
## 35254	2	0.9999999
## 35255	2	0.9999999
## 35256	2	0.9999998
## 35257	2	0.9999999
## 35258	3	0.9999999
## 35259	2	0.9999999
## 35260	3	0.9999999
## 35261	3	0.9999999
## 35262	3	0.9999999
## 35263	3	0.9999999
## 35264	2	0.9999999
## 35265	4	0.9999999
## 35266	4	0.9999999
## 35267	3	0.9999999
## 35268	3	0.9999999
## 35269	4	0.9999999
## 35270	2	0.9999999
## 35271	2	0.9999999
## 35272	2	0.9999999
## 35273	1	0.9999999
## 35274	2	0.9999999
## 35275	4	0.9999999
## 35276	4	0.9999999
## 35277	4	0.9999999
## 35278	0	0.9999999
## 35279	3	0.9999999
## 35280	4	0.9999999
## 35281	4	0.9999999
## 35282	3	0.9999998
## 35283	3	0.9999999
## 35284	2	0.9999999
## 35285	3	0.9999999
## 35286	2	0.9999998
## 35287	4	0.9999999
## 35288	4	0.9999999
## 35289	2	0.9999999
## 35290	4	0.9999999
## 35291	2	0.9999999

## 35292	2	0.9999999
## 35293	3	0.9999999
## 35294	2	0.9999999
## 35295	3	0.9999999
## 35296	2	0.9999999
## 35297	4	0.9999999
## 35298	4	0.9999999
## 35299	2	0.9999999
## 35300	3	0.9999999
## 35301	4	0.9999999
## 35302	2	0.9999999
## 35303	1	0.9999999
## 35304	3	0.9999999
## 35305	2	0.9999999
## 35306	2	0.9999999
## 35307	3	0.9999999
## 35308	2	0.9999999
## 35309	1	0.9999999
## 35310	3	0.9999999
## 35311	2	0.9999999
## 35312	4	0.9999999
## 35313	2	0.9999999
## 35314	4	0.9999999
## 35315	2	0.9999999
## 35316	2	0.9999999
## 35317	4	0.9999999
## 35318	3	0.9999999
## 35319	2	0.9999999
## 35320	3	0.9999999
## 35321	2	0.9999999
## 35322	3	0.9999999
## 35323	4	0.9999999
## 35324	2	0.9999999
## 35325	3	0.9999999
## 35326	0	0.9999999
## 35327	2	0.9999999
## 35328	2	0.9999999
## 35329	2	0.9999999
## 35330	4	0.9999999
## 35331	2	0.9999999
## 35332	2	0.9999999
## 35333	3	0.9999999
## 35334	2	0.9999999
## 35335	1	0.9999999
## 35336	2	0.9999999
## 35337	3	0.9999999
## 35338	4	0.9999999
## 35339	2	0.9999999
## 35340	3	0.9999999
## 35341	1	0.9999999
## 35342	2	0.9999999
## 35343	2	0.9999999
## 35344	2	0.9999999
## 35345	4	0.9999999

## 35346	0	0.9999998
## 35347	2	0.9999998
## 35348	4	0.9999998
## 35349	4	0.9999999
## 35350	2	0.9999999
## 35351	2	0.9999999
## 35352	2	0.9999999
## 35353	2	0.9999999
## 35354	3	0.9999999
## 35355	4	0.9999999
## 35356	2	0.9999999
## 35357	2	0.9999999
## 35358	3	0.9999999
## 35359	4	0.9999999
## 35360	2	0.9999999
## 35361	2	0.9999999
## 35362	2	0.9999999
## 35363	2	0.9999999
## 35364	4	0.9999999
## 35365	2	0.9999999
## 35366	2	0.9999999
## 35367	3	0.9999999
## 35368	0	0.9999999
## 35369	2	0.9999999
## 35370	4	0.9999999
## 35371	1	0.9999999
## 35372	2	0.9999999
## 35373	4	0.9999999
## 35374	3	0.9999999
## 35375	4	0.9999999
## 35376	2	0.9999999
## 35377	3	0.9999999
## 35378	4	0.9999999
## 35379	4	0.9999999
## 35380	3	0.9999998
## 35381	3	0.9999999
## 35382	4	0.9999999
## 35383	3	0.9999999
## 35384	3	0.9999999
## 35385	2	0.9999999
## 35386	2	0.9999999
## 35387	1	0.9999999
## 35388	4	0.9999999
## 35389	2	0.9999999
## 35390	4	0.9999999
## 35391	2	0.9999999
## 35392	1	0.9999998
## 35393	2	0.9999999
## 35394	2	0.9999999
## 35395	3	0.9999999
## 35396	2	0.9999999
## 35397	2	0.9999999
## 35398	0	0.9999999
## 35399	2	0.9999999

## 35400	2	0.9999999
## 35401	2	0.9999999
## 35402	1	0.9999999
## 35403	2	0.9999999
## 35404	2	0.9999999
## 35405	2	0.9999999
## 35406	4	0.9999999
## 35407	3	0.9999999
## 35408	4	0.9999999
## 35409	4	0.9999999
## 35410	4	0.9999999
## 35411	2	0.9999999
## 35412	4	0.9999999
## 35413	1	0.9999999
## 35414	1	0.9999999
## 35415	3	0.9999999
## 35416	2	0.9999999
## 35417	3	0.9999999
## 35418	1	0.9999999
## 35419	2	0.9999999
## 35420	0	0.9999999
## 35421	4	0.9999999
## 35422	2	0.9999999
## 35423	0	0.9999999
## 35424	4	0.9999999
## 35425	2	0.9999999
## 35426	2	0.9999999
## 35427	1	0.9999999
## 35428	3	0.9999999
## 35429	4	0.9999999
## 35430	2	0.9999999
## 35431	2	0.9999999
## 35432	2	0.9999999
## 35433	3	0.9999999
## 35434	4	0.9999999
## 35435	2	0.9999999
## 35436	3	0.9999999
## 35437	3	0.9999999
## 35438	4	0.9999999
## 35439	4	0.9999999
## 35440	2	0.9999999
## 35441	4	0.9999999
## 35442	3	0.9999999
## 35443	2	0.9999999
## 35444	3	0.9999999
## 35445	3	0.9999999
## 35446	4	0.9999999
## 35447	4	0.9999999
## 35448	4	0.9999999
## 35449	3	0.9999999
## 35450	3	0.9999999
## 35451	2	0.9999999
## 35452	4	0.9999999
## 35453	2	0.9999999

## 35454	3	0.9999999
## 35455	3	0.9999999
## 35456	2	0.9999999
## 35457	4	0.9999999
## 35458	4	0.9999999
## 35459	3	0.9999999
## 35460	3	0.9999999
## 35461	3	0.9999999
## 35462	2	0.9999999
## 35463	4	0.9999999
## 35464	3	0.9999999
## 35465	4	0.9999999
## 35466	4	0.9999999
## 35467	3	0.9999999
## 35468	1	0.9999999
## 35469	4	0.9999999
## 35470	3	0.9999999
## 35471	4	0.9999999
## 35472	3	0.9999999
## 35473	3	0.9999999
## 35474	4	0.9999999
## 35475	2	0.9999999
## 35476	2	0.9999999
## 35477	3	0.9999999
## 35478	2	0.9999999
## 35479	2	0.9999999
## 35480	3	0.9999999
## 35481	3	0.9999999
## 35482	2	0.9999999
## 35483	2	0.9999999
## 35484	4	0.9999999
## 35485	1	0.9999999
## 35486	0	0.9999999
## 35487	2	0.9999999
## 35488	4	0.9999999
## 35489	3	0.9999999
## 35490	3	0.9999999
## 35491	2	0.9999999
## 35492	2	0.9999999
## 35493	2	0.9999999
## 35494	2	0.9999999
## 35495	2	0.9999999
## 35496	4	0.9999999
## 35497	3	0.9999999
## 35498	2	0.9999999
## 35499	3	0.9999999
## 35500	3	0.9999999
## 35501	4	0.9999999
## 35502	2	0.9999999
## 35503	3	0.9999999
## 35504	2	0.9999998
## 35505	4	0.9999999
## 35506	2	0.9999999
## 35507	2	0.9999999

## 35508	1	0.9999999
## 35509	3	0.9999999
## 35510	2	0.9999999
## 35511	4	0.9999999
## 35512	3	0.9999999
## 35513	4	0.9999999
## 35514	3	0.9999999
## 35515	2	0.9999999
## 35516	4	0.9999999
## 35517	2	0.9999999
## 35518	2	0.9999999
## 35519	2	0.9999998
## 35520	2	0.9999999
## 35521	1	0.9999999
## 35522	3	0.9999999
## 35523	3	0.9999999
## 35524	3	0.9999999
## 35525	2	0.9999999
## 35526	2	0.9999999
## 35527	4	0.9999999
## 35528	3	0.9999999
## 35529	2	0.9999999
## 35530	3	0.9999999
## 35531	4	0.9999999
## 35532	3	0.9999999
## 35533	1	0.9999999
## 35534	2	0.9999999
## 35535	1	0.9999999
## 35536	2	0.9999999
## 35537	3	0.9999999
## 35538	2	0.9999999
## 35539	2	0.9999999
## 35540	4	0.9999999
## 35541	4	0.9999999
## 35542	3	0.9999998
## 35543	4	0.9999999
## 35544	3	0.9999999
## 35545	2	0.9999999
## 35546	2	0.9999999
## 35547	4	0.9999999
## 35548	1	0.9999999
## 35549	4	0.9999999
## 35550	1	0.9999999
## 35551	2	0.9999999
## 35552	1	0.9999999
## 35553	3	0.9999999
## 35554	2	0.9999999
## 35555	4	0.9999999
## 35556	4	0.9999999
## 35557	1	0.9999998
## 35558	4	0.9999999
## 35559	0	0.9999999
## 35560	3	0.9999999
## 35561	2	0.9999999

## 35562	2	0.9999999
## 35563	4	0.9999999
## 35564	1	0.9999999
## 35565	3	0.9999999
## 35566	2	0.9999999
## 35567	4	0.9999999
## 35568	3	0.9999999
## 35569	4	0.9999998
## 35570	1	0.9999999
## 35571	4	0.9999999
## 35572	3	0.9999999
## 35573	4	0.9999999
## 35574	3	0.9999999
## 35575	4	0.9999999
## 35576	2	0.9999999
## 35577	2	0.9999999
## 35578	1	0.9999999
## 35579	2	0.9999999
## 35580	2	0.9999999
## 35581	3	0.9999998
## 35582	2	0.9999999
## 35583	4	0.9999999
## 35584	3	0.9999999
## 35585	2	0.9999999
## 35586	3	0.9999999
## 35587	2	0.9999999
## 35588	4	0.9999999
## 35589	1	0.9999999
## 35590	3	0.9999999
## 35591	3	0.9999999
## 35592	2	0.9999999
## 35593	3	0.9999999
## 35594	2	0.9999999
## 35595	4	0.9999999
## 35596	4	0.9999999
## 35597	4	0.9999999
## 35598	0	0.9999999
## 35599	2	0.9999999
## 35600	1	0.9999999
## 35601	1	0.9999999
## 35602	1	0.9999999
## 35603	3	0.9999999
## 35604	1	0.9999999
## 35605	3	0.9999999
## 35606	3	0.9999999
## 35607	0	0.9999999
## 35608	3	0.9999999
## 35609	3	0.9999999
## 35610	2	0.9999999
## 35611	1	0.9999999
## 35612	4	0.9999999
## 35613	4	0.9999999
## 35614	4	0.9999999
## 35615	2	0.9999999

## 35616	3	0.9999999
## 35617	1	0.9999999
## 35618	3	0.9999999
## 35619	4	0.9999999
## 35620	4	0.9999999
## 35621	2	0.9999998
## 35622	4	0.9999999
## 35623	2	0.9999999
## 35624	2	0.9999998
## 35625	2	0.9999999
## 35626	2	0.9999998
## 35627	3	0.9999999
## 35628	2	0.9999999
## 35629	3	0.9999999
## 35630	4	0.9999999
## 35631	4	0.9999999
## 35632	4	0.9999999
## 35633	3	0.9999999
## 35634	2	0.9999999
## 35635	4	0.9999999
## 35636	2	0.9999999
## 35637	2	0.9999999
## 35638	4	0.9999999
## 35639	4	0.9999999
## 35640	2	0.9999999
## 35641	2	0.9999999
## 35642	3	0.9999999
## 35643	4	0.9999998
## 35644	3	0.9999999
## 35645	2	0.9999999
## 35646	2	0.9999999
## 35647	2	0.9999999
## 35648	3	0.9999999
## 35649	2	0.9999999
## 35650	1	0.9999999
## 35651	2	0.9999999
## 35652	4	0.9999999
## 35653	2	0.9999999
## 35654	4	0.9999999
## 35655	4	0.9999999
## 35656	4	0.9999999
## 35657	1	0.9999999
## 35658	3	0.9999999
## 35659	3	0.9999999
## 35660	2	0.9999999
## 35661	2	0.9999999
## 35662	3	0.9999999
## 35663	1	0.9999999
## 35664	2	0.9999999
## 35665	2	0.9999999
## 35666	3	0.9999999
## 35667	3	0.9999999
## 35668	3	0.9999999
## 35669	2	0.9999999

## 35670	3	0.9999999
## 35671	3	0.9999999
## 35672	3	0.9999999
## 35673	2	0.9999999
## 35674	1	0.9999999
## 35675	2	0.9999999
## 35676	2	0.9999999
## 35677	4	0.9999999
## 35678	2	0.9999999
## 35679	3	0.9999999
## 35680	0	0.9999999
## 35681	1	0.9999999
## 35682	3	0.9999999
## 35683	3	0.9999999
## 35684	3	0.9999999
## 35685	3	0.9999999
## 35686	4	0.9999999
## 35687	2	0.9999999
## 35688	2	0.9999999
## 35689	3	0.9999999
## 35690	0	0.9999999
## 35691	2	0.9999999
## 35692	4	0.9999999
## 35693	2	0.9999999
## 35694	4	0.9999999
## 35695	1	0.9999999
## 35696	3	0.9999998
## 35697	4	0.9999999
## 35698	3	0.9999999
## 35699	3	0.9999999
## 35700	3	0.9999999
## 35701	4	0.9999999
## 35702	2	0.9999999
## 35703	4	0.9999999
## 35704	3	0.9999999
## 35705	4	0.9999999
## 35706	3	0.9999998
## 35707	2	0.9999999
## 35708	1	0.9999999
## 35709	4	0.9999998
## 35710	4	0.9999999
## 35711	2	0.9999999
## 35712	4	0.9999997
## 35713	4	0.9999999
## 35714	0	0.9999998
## 35715	3	0.9999999
## 35716	2	0.9999999
## 35717	3	0.9999999
## 35718	2	0.9999999
## 35719	2	0.9999999
## 35720	1	0.9999999
## 35721	2	0.9999999
## 35722	2	0.9999999
## 35723	4	0.9999999

## 35724	4	0.9999999
## 35725	1	0.9999999
## 35726	4	0.9999999
## 35727	3	0.9999999
## 35728	2	0.9999999
## 35729	2	0.9999999
## 35730	3	0.9999999
## 35731	2	0.9999999
## 35732	1	0.9999999
## 35733	3	0.9999999
## 35734	2	0.9999999
## 35735	2	0.9999999
## 35736	3	0.9999998
## 35737	4	0.9999999
## 35738	2	0.9999999
## 35739	2	0.9999999
## 35740	2	0.9999999
## 35741	2	0.9999999
## 35742	1	0.9999999
## 35743	3	0.9999998
## 35744	4	0.9999999
## 35745	2	0.9999999
## 35746	4	0.9999999
## 35747	4	0.9999999
## 35748	4	0.9999999
## 35749	4	0.9999999
## 35750	3	0.9999999
## 35751	1	0.9999999
## 35752	3	0.9999999
## 35753	3	0.9999999
## 35754	1	0.9999999
## 35755	2	0.9999999
## 35756	2	0.9999999
## 35757	1	0.9999999
## 35758	1	0.9999999
## 35759	4	0.9999999
## 35760	4	0.9999999
## 35761	4	0.9999999
## 35762	3	0.9999999
## 35763	2	0.9999999
## 35764	2	0.9999999
## 35765	2	0.9999999
## 35766	2	0.9999999
## 35767	3	0.9999999
## 35768	0	0.9999999
## 35769	1	0.9999999
## 35770	4	0.9999999
## 35771	4	0.9999999
## 35772	2	0.9999999
## 35773	3	0.9999999
## 35774	2	0.9999999
## 35775	4	0.9999999
## 35776	2	0.9999999
## 35777	2	0.9999999

## 35778	4	0.9999999
## 35779	4	0.9999999
## 35780	3	0.9999999
## 35781	4	0.9999999
## 35782	3	0.9999999
## 35783	4	0.9999999
## 35784	4	0.9999999
## 35785	2	0.9999999
## 35786	2	0.9999999
## 35787	4	0.9999999
## 35788	2	0.9999999
## 35789	2	0.9999999
## 35790	3	0.9999999
## 35791	2	0.9999998
## 35792	4	0.9999999
## 35793	3	0.9999999
## 35794	3	0.9999999
## 35795	1	0.9999999
## 35796	4	0.9999999
## 35797	3	0.9999999
## 35798	2	0.9999999
## 35799	4	0.9999999
## 35800	4	0.9999999
## 35801	4	0.9999999
## 35802	3	0.9999999
## 35803	2	0.9999999
## 35804	2	0.9999999
## 35805	2	0.9999999
## 35806	2	0.9999999
## 35807	2	0.9999999
## 35808	1	0.9999999
## 35809	2	0.9999999
## 35810	2	0.9999999
## 35811	3	0.9999999
## 35812	0	0.9999999
## 35813	2	0.9999999
## 35814	2	0.9999999
## 35815	1	0.9999999
## 35816	3	0.9999999
## 35817	2	0.9999999
## 35818	2	0.9999999
## 35819	2	0.9999999
## 35820	4	0.9999999
## 35821	2	0.9999999
## 35822	2	0.9999999
## 35823	2	0.9999999
## 35824	2	0.9999999
## 35825	2	0.9999999
## 35826	1	0.9999999
## 35827	3	0.9999999
## 35828	4	0.9999999
## 35829	2	0.9999999
## 35830	1	0.9999999
## 35831	2	0.9999999

## 35832	4	0.9999999
## 35833	1	0.9999999
## 35834	2	0.9999999
## 35835	3	0.9999999
## 35836	2	0.9999999
## 35837	1	0.9999999
## 35838	3	0.9999999
## 35839	4	0.9999998
## 35840	1	0.9999999
## 35841	2	0.9999998
## 35842	3	0.9999999
## 35843	4	0.9999999
## 35844	3	0.9999999
## 35845	2	0.9999999
## 35846	2	0.9999999
## 35847	3	0.9999999
## 35848	2	0.9999999
## 35849	4	0.9999999
## 35850	2	0.9999999
## 35851	4	0.9999999
## 35852	3	0.9999999
## 35853	2	0.9999999
## 35854	4	0.9999999
## 35855	3	0.9999999
## 35856	3	0.9999999
## 35857	2	0.9999999
## 35858	2	0.9999999
## 35859	2	0.9999999
## 35860	2	0.9999999
## 35861	3	0.9999999
## 35862	3	0.9999999
## 35863	2	0.9999998
## 35864	2	0.9999999
## 35865	2	0.9999999
## 35866	4	0.9999999
## 35867	4	0.9999999
## 35868	2	0.9999999
## 35869	0	0.9999999
## 35870	3	0.9999999
## 35871	2	0.9999999
## 35872	2	0.9999999
## 35873	2	0.9999999
## 35874	4	0.9999999
## 35875	2	0.9999999
## 35876	3	0.9999999
## 35877	2	0.9999999
## 35878	4	0.9999998
## 35879	2	0.9999999
## 35880	3	0.9999999
## 35881	1	0.9999999
## 35882	3	0.9999999
## 35883	2	0.9999999
## 35884	2	0.9999999
## 35885	3	0.9999999

## 35886	2	0.9999999
## 35887	3	0.9999999
## 35888	4	0.9999999
## 35889	2	0.9999999
## 35890	3	0.9999998
## 35891	2	0.9999999
## 35892	2	0.9999999
## 35893	2	0.9999998
## 35894	2	0.9999998
## 35895	2	0.9999999
## 35896	2	0.9999999
## 35897	4	0.9999999
## 35898	4	0.9999999
## 35899	2	0.9999999
## 35900	4	0.9999999
## 35901	3	0.9999999
## 35902	4	0.9999999
## 35903	2	0.9999999
## 35904	2	0.9999999
## 35905	2	0.9999999
## 35906	2	0.9999999
## 35907	2	0.9999999
## 35908	3	0.9999999
## 35909	4	0.9999999
## 35910	3	0.9999999
## 35911	4	0.9999999
## 35912	1	0.9999999
## 35913	2	0.9999999
## 35914	3	0.9999999
## 35915	2	0.9999999
## 35916	3	0.9999999
## 35917	4	0.9999999
## 35918	3	0.9999999
## 35919	4	0.9999999
## 35920	3	0.9999999
## 35921	3	0.9999999
## 35922	1	0.9999999
## 35923	4	0.9999999
## 35924	2	0.9999999
## 35925	2	0.9999999
## 35926	2	0.9999999
## 35927	1	0.9999999
## 35928	2	0.9999999
## 35929	2	0.9999999
## 35930	1	0.9999999
## 35931	4	0.9999999
## 35932	1	0.9999999
## 35933	2	0.9999999
## 35934	3	0.9999999
## 35935	2	0.9999999
## 35936	3	0.9999999
## 35937	2	0.9999999
## 35938	2	0.9999999
## 35939	2	0.9999999

## 35940	2	0.9999999
## 35941	4	0.9999999
## 35942	2	0.9999999
## 35943	2	0.9999999
## 35944	2	0.9999999
## 35945	2	0.9999999
## 35946	3	0.9999999
## 35947	2	0.9999999
## 35948	2	0.9999999
## 35949	0	0.9999999
## 35950	3	0.9999999
## 35951	2	0.9999999
## 35952	1	0.9999999
## 35953	4	0.9999999
## 35954	4	0.9999998
## 35955	2	0.9999999
## 35956	3	0.9999999
## 35957	0	0.9999999
## 35958	2	0.9999999
## 35959	2	0.9999999
## 35960	4	0.9999999
## 35961	2	0.9999999
## 35962	2	0.9999999
## 35963	2	0.9999999
## 35964	4	0.9999999
## 35965	3	0.9999999
## 35966	2	0.9999999
## 35967	1	0.9999998
## 35968	4	0.9999999
## 35969	2	0.9999999
## 35970	4	0.9999999
## 35971	3	0.9999999
## 35972	0	0.9999999
## 35973	4	0.9999999
## 35974	3	0.9999999
## 35975	2	0.9999999
## 35976	2	0.9999999
## 35977	4	0.9999999
## 35978	4	0.9999999
## 35979	2	0.9999999
## 35980	2	0.9999999
## 35981	4	0.9999999
## 35982	3	0.9999999
## 35983	2	0.9999999
## 35984	2	0.9999999
## 35985	2	0.9999999
## 35986	4	0.9999999
## 35987	2	0.9999999
## 35988	3	0.9999999
## 35989	2	0.9999999
## 35990	4	0.9999999
## 35991	3	0.9999999
## 35992	4	0.9999999
## 35993	4	0.9999999

## 35994	1	0.9999998
## 35995	2	0.9999999
## 35996	1	0.9999999
## 35997	1	0.9999999
## 35998	3	0.9999999
## 35999	4	0.9999999
## 36000	4	0.9999999
## 36001	3	0.9999999
## 36002	2	0.9999999
## 36003	4	0.9999999
## 36004	4	0.9999999
## 36005	3	0.9999999
## 36006	3	0.9999999
## 36007	2	0.9999999
## 36008	3	0.9999999
## 36009	2	0.9999999
## 36010	2	0.9999999
## 36011	3	0.9999999
## 36012	2	0.9999999
## 36013	3	0.9999999
## 36014	0	0.9999999
## 36015	1	0.9999999
## 36016	1	0.9999999
## 36017	2	0.9999999
## 36018	4	0.9999999
## 36019	3	0.9999999
## 36020	2	0.9999999
## 36021	4	0.9999999
## 36022	3	0.9999999
## 36023	2	0.9999999
## 36024	1	0.9999999
## 36025	3	0.9999999
## 36026	2	0.9999999
## 36027	2	0.9999999
## 36028	1	0.9999999
## 36029	2	0.9999999
## 36030	4	0.9999999
## 36031	2	0.9999999
## 36032	0	0.9999999
## 36033	2	0.9999999
## 36034	2	0.9999999
## 36035	3	0.9999999
## 36036	4	0.9999997
## 36037	3	0.9999999
## 36038	1	0.9999999
## 36039	4	0.9999999
## 36040	4	0.9999999
## 36041	4	0.9999999
## 36042	2	0.9999999
## 36043	0	0.9999999
## 36044	4	0.9999999
## 36045	3	0.9999999
## 36046	2	0.9999999
## 36047	2	0.9999999

## 36048	3	0.9999999
## 36049	2	0.9999999
## 36050	4	0.9999999
## 36051	3	0.9999999
## 36052	1	0.9999999
## 36053	2	0.9999999
## 36054	2	0.9999999
## 36055	3	0.9999999
## 36056	0	0.9999999
## 36057	1	0.9999999
## 36058	2	0.9999999
## 36059	1	0.9999999
## 36060	4	0.9999998
## 36061	4	0.9999999
## 36062	1	0.9999999
## 36063	3	0.9999999
## 36064	0	0.9999999
## 36065	2	0.9999999
## 36066	3	0.9999999
## 36067	4	0.9999999
## 36068	3	0.9999999
## 36069	0	0.9999999
## 36070	4	0.9999999
## 36071	1	0.9999999
## 36072	3	0.9999999
## 36073	4	0.9999999
## 36074	3	0.9999999
## 36075	4	0.9999999
## 36076	2	0.9999999
## 36077	2	0.9999999
## 36078	3	0.9999999
## 36079	3	0.9999999
## 36080	2	0.9999999
## 36081	4	0.9999999
## 36082	3	0.9999999
## 36083	2	0.9999999
## 36084	2	0.9999999
## 36085	3	0.9999999
## 36086	3	0.9999999
## 36087	3	0.9999999
## 36088	2	0.9999999
## 36089	2	0.9999999
## 36090	2	0.9999999
## 36091	3	0.9999999
## 36092	2	0.9999999
## 36093	4	0.9999999
## 36094	2	0.9999999
## 36095	2	0.9999999
## 36096	4	0.9999999
## 36097	2	0.9999999
## 36098	1	0.9999999
## 36099	3	0.9999999
## 36100	2	0.9999999
## 36101	3	0.9999999

## 36102	2	0.9999999
## 36103	2	0.9999999
## 36104	2	0.9999999
## 36105	4	0.9999999
## 36106	2	0.9999998
## 36107	3	0.9999999
## 36108	2	0.9999999
## 36109	3	0.9999999
## 36110	1	0.9999999
## 36111	2	0.9999999
## 36112	4	0.9999999
## 36113	2	0.9999999
## 36114	1	0.9999999
## 36115	2	0.9999999
## 36116	4	0.9999999
## 36117	3	0.9999999
## 36118	1	0.9999999
## 36119	2	0.9999999
## 36120	1	0.9999999
## 36121	2	0.9999999
## 36122	2	0.9999999
## 36123	3	0.9999999
## 36124	3	0.9999999
## 36125	3	0.9999999
## 36126	2	0.9999999
## 36127	2	0.9999999
## 36128	1	0.9999999
## 36129	1	0.9999999
## 36130	2	0.9999999
## 36131	2	0.9999999
## 36132	2	0.9999999
## 36133	4	0.9999999
## 36134	3	0.9999999
## 36135	3	0.9999999
## 36136	0	0.9999999
## 36137	2	0.9999998
## 36138	3	0.9999999
## 36139	3	0.9999999
## 36140	3	0.9999999
## 36141	4	0.9999999
## 36142	2	0.9999999
## 36143	2	0.9999999
## 36144	2	0.9999999
## 36145	2	0.9999999
## 36146	3	0.9999999
## 36147	2	0.9999999
## 36148	4	0.9999999
## 36149	2	0.9999999
## 36150	2	0.9999999
## 36151	4	0.9999999
## 36152	3	0.9999999
## 36153	2	0.9999999
## 36154	2	0.9999999
## 36155	2	0.9999999

## 36156	2	0.9999999
## 36157	4	0.9999999
## 36158	3	0.9999999
## 36159	2	0.9999999
## 36160	4	0.9999999
## 36161	4	0.9999999
## 36162	2	0.9999999
## 36163	2	0.9999999
## 36164	4	0.9999999
## 36165	1	0.9999999
## 36166	1	0.9999999
## 36167	3	0.9999999
## 36168	1	0.9999999
## 36169	3	0.9999999
## 36170	2	0.9999999
## 36171	2	0.9999999
## 36172	3	0.9999999
## 36173	1	0.9999999
## 36174	4	0.9999999
## 36175	3	0.9999999
## 36176	4	0.9999999
## 36177	2	0.9999999
## 36178	4	0.9999999
## 36179	2	0.9999999
## 36180	3	0.9999999
## 36181	4	0.9999999
## 36182	3	0.9999999
## 36183	3	0.9999999
## 36184	2	0.9999999
## 36185	2	0.9999999
## 36186	4	0.9999999
## 36187	4	0.9999999
## 36188	0	0.9999999
## 36189	2	0.9999999
## 36190	3	0.9999999
## 36191	4	0.9999999
## 36192	2	0.9999999
## 36193	2	0.9999999
## 36194	2	0.9999999
## 36195	2	0.9999999
## 36196	2	0.9999999
## 36197	3	0.9999999
## 36198	2	0.9999999
## 36199	2	0.9999999
## 36200	2	0.9999999
## 36201	1	0.9999999
## 36202	3	0.9999999
## 36203	2	0.9999999
## 36204	0	0.9999999
## 36205	2	0.9999999
## 36206	2	0.9999999
## 36207	3	0.9999999
## 36208	2	0.9999999
## 36209	3	0.9999999

## 36210	4	0.9999998
## 36211	0	0.9999999
## 36212	1	0.9999999
## 36213	1	0.9999999
## 36214	2	0.9999999
## 36215	2	0.9999999
## 36216	3	0.9999999
## 36217	4	0.9999999
## 36218	2	0.9999999
## 36219	1	0.9999999
## 36220	3	0.9999999
## 36221	1	0.9999999
## 36222	3	0.9999999
## 36223	2	0.9999999
## 36224	3	0.9999999
## 36225	4	0.9999999
## 36226	3	0.9999999
## 36227	2	0.9999999
## 36228	2	0.9999999
## 36229	1	0.9999998
## 36230	1	0.9999999
## 36231	2	0.9999999
## 36232	2	0.9999999
## 36233	3	0.9999999
## 36234	3	0.9999999
## 36235	2	0.9999999
## 36236	4	0.9999999
## 36237	4	0.9999999
## 36238	3	0.9999999
## 36239	1	0.9999999
## 36240	3	0.9999999
## 36241	2	0.9999999
## 36242	2	0.9999999
## 36243	4	0.9999999
## 36244	3	0.9999999
## 36245	4	0.9999999
## 36246	3	0.9999999
## 36247	3	0.9999999
## 36248	3	0.9999999
## 36249	2	0.9999999
## 36250	3	0.9999999
## 36251	4	0.9999999
## 36252	2	0.9999999
## 36253	2	0.9999999
## 36254	2	0.9999999
## 36255	3	0.9999999
## 36256	2	0.9999999
## 36257	3	0.9999999
## 36258	3	0.9999999
## 36259	2	0.9999999
## 36260	3	0.9999999
## 36261	3	0.9999999
## 36262	2	0.9999999
## 36263	4	0.9999999

## 36264	2	0.9999999
## 36265	2	0.9999999
## 36266	4	0.9999999
## 36267	4	0.9999999
## 36268	3	0.9999998
## 36269	2	0.9999999
## 36270	2	0.9999999
## 36271	2	0.9999999
## 36272	2	0.9999999
## 36273	2	0.9999999
## 36274	3	0.9999999
## 36275	1	0.9999999
## 36276	2	0.9999999
## 36277	1	0.9999999
## 36278	4	0.9999999
## 36279	3	0.9999999
## 36280	3	0.9999999
## 36281	3	0.9999999
## 36282	3	0.9999999
## 36283	2	0.9999999
## 36284	3	0.9999999
## 36285	2	0.9999999
## 36286	4	0.9999999
## 36287	2	0.9999999
## 36288	2	0.9999999
## 36289	4	0.9999999
## 36290	2	0.9999999
## 36291	4	0.9999999
## 36292	4	0.9999999
## 36293	1	0.9999998
## 36294	3	0.9999999
## 36295	2	0.9999999
## 36296	2	0.9999999
## 36297	2	0.9999999
## 36298	2	0.9999999
## 36299	4	0.9999999
## 36300	2	0.9999999
## 36301	2	0.9999999
## 36302	3	0.9999999
## 36303	4	0.9999999
## 36304	0	0.9999999
## 36305	4	0.9999999
## 36306	2	0.9999999
## 36307	4	0.9999999
## 36308	2	0.9999999
## 36309	3	0.9999999
## 36310	3	0.9999999
## 36311	3	0.9999999
## 36312	4	0.9999999
## 36313	4	0.9999999
## 36314	1	0.9999999
## 36315	4	0.9999999
## 36316	1	0.9999999
## 36317	3	0.9999999

## 36318	2	0.9999999
## 36319	4	0.9999999
## 36320	3	0.9999999
## 36321	4	0.9999999
## 36322	3	0.9999999
## 36323	3	0.9999999
## 36324	0	0.9999999
## 36325	4	0.9999999
## 36326	2	0.9999998
## 36327	1	0.9999999
## 36328	2	0.9999999
## 36329	1	0.9999999
## 36330	1	0.9999999
## 36331	2	0.9999999
## 36332	1	0.9999999
## 36333	2	0.9999999
## 36334	1	0.9999999
## 36335	1	0.9999998
## 36336	3	0.9999999
## 36337	3	0.9999998
## 36338	3	0.9999998
## 36339	4	0.9999999
## 36340	4	0.9999999
## 36341	2	0.9999999
## 36342	4	0.9999999
## 36343	2	0.9999999
## 36344	2	0.9999999
## 36345	2	0.9999999
## 36346	3	0.9999999
## 36347	4	0.9999999
## 36348	3	0.9999999
## 36349	3	0.9999999
## 36350	3	0.9999999
## 36351	2	0.9999999
## 36352	4	0.9999999
## 36353	2	0.9999999
## 36354	2	0.9999999
## 36355	3	0.9999999
## 36356	2	0.9999999
## 36357	2	0.9999999
## 36358	1	0.9999999
## 36359	2	0.9999999
## 36360	4	0.9999999
## 36361	3	0.9999999
## 36362	2	0.9999999
## 36363	3	0.9999999
## 36364	4	0.9999999
## 36365	2	0.9999998
## 36366	2	0.9999999
## 36367	3	0.9999999
## 36368	3	0.9999999
## 36369	4	0.9999999
## 36370	3	0.9999999
## 36371	4	0.9999999

## 36372	2	0.9999999
## 36373	2	0.9999999
## 36374	2	0.9999999
## 36375	4	0.9999999
## 36376	1	0.9999999
## 36377	3	0.9999999
## 36378	3	0.9999999
## 36379	4	0.9999999
## 36380	2	0.9999999
## 36381	3	0.9999999
## 36382	2	0.9999999
## 36383	4	0.9999999
## 36384	4	0.9999999
## 36385	1	0.9999999
## 36386	2	0.9999999
## 36387	4	0.9999999
## 36388	3	0.9999999
## 36389	3	0.9999999
## 36390	2	0.9999999
## 36391	1	0.9999999
## 36392	4	0.9999999
## 36393	2	0.9999999
## 36394	3	0.9999999
## 36395	2	0.9999999
## 36396	4	0.9999999
## 36397	3	0.9999999
## 36398	4	0.9999999
## 36399	0	0.9999999
## 36400	3	0.9999999
## 36401	3	0.9999999
## 36402	3	0.9999999
## 36403	1	0.9999999
## 36404	2	0.9999999
## 36405	2	0.9999999
## 36406	1	0.9999999
## 36407	2	0.9999999
## 36408	4	0.9999999
## 36409	2	0.9999999
## 36410	4	0.9999999
## 36411	3	0.9999999
## 36412	2	0.9999999
## 36413	3	0.9999999
## 36414	2	0.9999999
## 36415	4	0.9999999
## 36416	1	0.9999999
## 36417	2	0.9999999
## 36418	2	0.9999999
## 36419	4	0.9999999
## 36420	3	0.9999999
## 36421	2	0.9999999
## 36422	2	0.9999999
## 36423	4	0.9999999
## 36424	4	0.9999999
## 36425	4	0.9999999

## 36426	4	0.9999999
## 36427	2	0.9999999
## 36428	3	0.9999999
## 36429	1	0.9999999
## 36430	2	0.9999998
## 36431	2	0.9999999
## 36432	3	0.9999999
## 36433	0	0.9999999
## 36434	2	0.9999999
## 36435	2	0.9999999
## 36436	1	0.9999999
## 36437	3	0.9999999
## 36438	2	0.9999999
## 36439	2	0.9999999
## 36440	4	0.9999999
## 36441	4	0.9999999
## 36442	2	0.9999999
## 36443	2	0.9999999
## 36444	2	0.9999999
## 36445	4	0.9999999
## 36446	3	0.9999999
## 36447	2	0.9999999
## 36448	3	0.9999999
## 36449	4	0.9999999
## 36450	4	0.9999999
## 36451	2	0.9999999
## 36452	2	0.9999999
## 36453	2	0.9999999
## 36454	2	0.9999999
## 36455	4	0.9999999
## 36456	2	0.9999999
## 36457	4	0.9999999
## 36458	2	0.9999999
## 36459	2	0.9999999
## 36460	3	0.9999999
## 36461	2	0.9999999
## 36462	3	0.9999999
## 36463	2	0.9999999
## 36464	3	0.9999999
## 36465	3	0.9999999
## 36466	1	0.9999999
## 36467	4	0.9999999
## 36468	2	0.9999999
## 36469	2	0.9999999
## 36470	2	0.9999999
## 36471	1	0.9999999
## 36472	2	0.9999999
## 36473	2	0.9999999
## 36474	1	0.9999999
## 36475	1	0.9999998
## 36476	4	0.9999999
## 36477	2	0.9999998
## 36478	4	0.9999999
## 36479	2	0.9999999

## 36480	4	0.9999999
## 36481	4	0.9999998
## 36482	1	0.9999999
## 36483	3	0.9999999
## 36484	3	0.9999998
## 36485	3	0.9999999
## 36486	1	0.9999999
## 36487	2	0.9999999
## 36488	2	0.9999999
## 36489	2	0.9999999
## 36490	1	0.9999999
## 36491	2	0.9999999
## 36492	2	0.9999999
## 36493	2	0.9999999
## 36494	2	0.9999999
## 36495	2	0.9999999
## 36496	1	0.9999999
## 36497	4	0.9999999
## 36498	2	0.9999999
## 36499	3	0.9999999
## 36500	3	0.9999999
## 36501	3	0.9999999
## 36502	3	0.9999999
## 36503	4	0.9999999
## 36504	4	0.9999999
## 36505	2	0.9999999
## 36506	2	0.9999999
## 36507	2	0.9999999
## 36508	2	0.9999999
## 36509	2	0.9999999
## 36510	3	0.9999999
## 36511	3	0.9999999
## 36512	4	0.9999999
## 36513	3	0.9999999
## 36514	4	0.9999999
## 36515	4	0.9999999
## 36516	2	0.9999999
## 36517	2	0.9999999
## 36518	3	0.9999999
## 36519	3	0.9999999
## 36520	3	0.9999999
## 36521	3	0.9999999
## 36522	2	0.9999999
## 36523	4	0.9999999
## 36524	2	0.9999999
## 36525	3	0.9999998
## 36526	3	0.9999999
## 36527	3	0.9999999
## 36528	3	0.9999999
## 36529	3	0.9999999
## 36530	2	0.9999999
## 36531	3	0.9999999
## 36532	3	0.9999999
## 36533	2	0.9999999

## 36534	2	0.9999999
## 36535	3	0.9999999
## 36536	1	0.9999999
## 36537	2	0.9999999
## 36538	1	0.9999999
## 36539	1	0.9999999
## 36540	1	0.9999999
## 36541	2	0.9999999
## 36542	3	0.9999999
## 36543	2	0.9999999
## 36544	1	0.9999999
## 36545	2	0.9999999
## 36546	3	0.9999999
## 36547	0	0.9999999
## 36548	2	0.9999999
## 36549	4	0.9999999
## 36550	2	0.9999999
## 36551	1	0.9999999
## 36552	4	0.9999999
## 36553	4	0.9999999
## 36554	2	0.9999999
## 36555	2	0.9999999
## 36556	2	0.9999998
## 36557	2	0.9999999
## 36558	2	0.9999999
## 36559	2	0.9999998
## 36560	2	0.9999999
## 36561	3	0.9999999
## 36562	3	0.9999999
## 36563	4	0.9999999
## 36564	3	0.9999999
## 36565	4	0.9999999
## 36566	2	0.9999999
## 36567	4	0.9999999
## 36568	2	0.9999999
## 36569	2	0.9999999
## 36570	3	0.9999999
## 36571	4	0.9999999
## 36572	2	0.9999999
## 36573	2	0.9999999
## 36574	2	0.9999999
## 36575	4	0.9999999
## 36576	2	0.9999999
## 36577	2	0.9999999
## 36578	4	0.9999998
## 36579	2	0.9999999
## 36580	0	0.9999999
## 36581	2	0.9999998
## 36582	2	0.9999999
## 36583	4	0.9999999
## 36584	3	0.9999999
## 36585	3	0.9999999
## 36586	4	0.9999999
## 36587	2	0.9999999

## 36588	3	0.9999999
## 36589	3	0.9999999
## 36590	2	0.9999999
## 36591	3	0.9999999
## 36592	3	0.9999999
## 36593	1	0.9999999
## 36594	3	0.9999999
## 36595	2	0.9999999
## 36596	3	0.9999999
## 36597	3	0.9999999
## 36598	4	0.9999999
## 36599	2	0.9999999
## 36600	4	0.9999999
## 36601	0	0.9999999
## 36602	2	0.9999999
## 36603	3	0.9999999
## 36604	2	0.9999999
## 36605	4	0.9999999
## 36606	2	0.9999999
## 36607	2	0.9999999
## 36608	3	0.9999999
## 36609	2	0.9999999
## 36610	3	0.9999999
## 36611	4	0.9999999
## 36612	4	0.9999999
## 36613	2	0.9999999
## 36614	2	0.9999999
## 36615	1	0.9999999
## 36616	2	0.9999999
## 36617	2	0.9999999
## 36618	4	0.9999999
## 36619	3	0.9999999
## 36620	1	0.9999999
## 36621	2	0.9999999
## 36622	4	0.9999999
## 36623	4	0.9999999
## 36624	2	0.9999998
## 36625	1	0.9999999
## 36626	2	0.9999999
## 36627	3	0.9999999
## 36628	4	0.9999999
## 36629	4	0.9999999
## 36630	4	0.9999999
## 36631	2	0.9999999
## 36632	2	0.9999999
## 36633	3	0.9999999
## 36634	2	0.9999999
## 36635	1	0.9999999
## 36636	3	0.9999999
## 36637	2	0.9999999
## 36638	4	0.9999999
## 36639	3	0.9999999
## 36640	3	0.9999999
## 36641	3	0.9999999

## 36642	2	0.9999999
## 36643	1	0.9999999
## 36644	2	0.9999999
## 36645	2	0.9999999
## 36646	2	0.9999999
## 36647	2	0.9999999
## 36648	2	0.9999999
## 36649	4	0.9999999
## 36650	1	0.9999999
## 36651	2	0.9999999
## 36652	4	0.9999999
## 36653	2	0.9999999
## 36654	3	0.9999999
## 36655	2	0.9999999
## 36656	2	0.9999999
## 36657	4	0.9999999
## 36658	2	0.9999999
## 36659	2	0.9999999
## 36660	4	0.9999999
## 36661	1	0.9999999
## 36662	3	0.9999999
## 36663	3	0.9999999
## 36664	3	0.9999999
## 36665	3	0.9999999
## 36666	2	0.9999999
## 36667	2	0.9999999
## 36668	2	0.9999999
## 36669	4	0.9999999
## 36670	4	0.9999999
## 36671	4	0.9999999
## 36672	2	0.9999999
## 36673	3	0.9999999
## 36674	0	0.9999999
## 36675	4	0.9999999
## 36676	2	0.9999999
## 36677	2	0.9999999
## 36678	1	0.9999999
## 36679	4	0.9999999
## 36680	2	0.9999999
## 36681	1	0.9999999
## 36682	1	0.9999999
## 36683	4	0.9999999
## 36684	2	0.9999999
## 36685	1	0.9999999
## 36686	2	0.9999999
## 36687	3	0.9999999
## 36688	3	0.9999999
## 36689	2	0.9999999
## 36690	3	0.9999999
## 36691	3	0.9999999
## 36692	4	0.9999999
## 36693	0	0.9999999
## 36694	4	0.9999999
## 36695	4	0.9999999

## 36696	1	0.9999999
## 36697	4	0.9999999
## 36698	3	0.9999999
## 36699	2	0.9999999
## 36700	3	0.9999999
## 36701	4	0.9999999
## 36702	4	0.9999999
## 36703	2	0.9999999
## 36704	2	0.9999999
## 36705	2	0.9999999
## 36706	2	0.9999999
## 36707	0	0.9999999
## 36708	2	0.9999999
## 36709	4	0.9999999
## 36710	2	0.9999999
## 36711	4	0.9999999
## 36712	0	0.9999999
## 36713	3	0.9999999
## 36714	2	0.9999999
## 36715	4	0.9999999
## 36716	0	0.9999998
## 36717	3	0.9999999
## 36718	2	0.9999999
## 36719	3	0.9999999
## 36720	3	0.9999999
## 36721	2	0.9999999
## 36722	2	0.9999999
## 36723	3	0.9999999
## 36724	3	0.9999999
## 36725	4	0.9999999
## 36726	2	0.9999999
## 36727	3	0.9999999
## 36728	0	0.9999999
## 36729	3	0.9999999
## 36730	3	0.9999999
## 36731	2	0.9999999
## 36732	3	0.9999999
## 36733	4	0.9999999
## 36734	2	0.9999999
## 36735	2	0.9999999
## 36736	2	0.9999999
## 36737	4	0.9999999
## 36738	2	0.9999999
## 36739	4	0.9999999
## 36740	3	0.9999999
## 36741	4	0.9999999
## 36742	1	0.9999999
## 36743	2	0.9999999
## 36744	3	0.9999999
## 36745	4	0.9999999
## 36746	2	0.9999999
## 36747	2	0.9999999
## 36748	2	0.9999998
## 36749	2	0.9999999

## 36750	2	0.9999999
## 36751	2	0.9999999
## 36752	4	0.9999999
## 36753	2	0.9999999
## 36754	2	0.9999999
## 36755	3	0.9999998
## 36756	2	0.9999998
## 36757	2	0.9999999
## 36758	3	0.9999999
## 36759	3	0.9999999
## 36760	2	0.9999999
## 36761	3	0.9999999
## 36762	4	0.9999999
## 36763	4	0.9999999
## 36764	3	0.9999999
## 36765	4	0.9999999
## 36766	2	0.9999999
## 36767	2	0.9999999
## 36768	4	0.9999998
## 36769	1	0.9999999
## 36770	2	0.9999999
## 36771	2	0.9999999
## 36772	3	0.9999999
## 36773	2	0.9999999
## 36774	2	0.9999999
## 36775	4	0.9999999
## 36776	2	0.9999999
## 36777	2	0.9999999
## 36778	2	0.9999999
## 36779	2	0.9999999
## 36780	4	0.9999999
## 36781	2	0.9999999
## 36782	2	0.9999999
## 36783	2	0.9999999
## 36784	2	0.9999999
## 36785	2	0.9999999
## 36786	3	0.9999999
## 36787	4	0.9999999
## 36788	3	0.9999999
## 36789	3	0.9999999
## 36790	2	0.9999999
## 36791	1	0.9999998
## 36792	3	0.9999999
## 36793	3	0.9999999
## 36794	4	0.9999999
## 36795	0	0.9999999
## 36796	3	0.9999999
## 36797	3	0.9999999
## 36798	4	0.9999999
## 36799	2	0.9999999
## 36800	0	0.9999999
## 36801	1	0.9999999
## 36802	1	0.9999999
## 36803	4	0.9999999

## 36804	3	0.9999999
## 36805	2	0.9999999
## 36806	2	0.9999999
## 36807	1	0.9999999
## 36808	4	0.9999999
## 36809	4	0.9999999
## 36810	3	0.9999999
## 36811	4	0.9999999
## 36812	2	0.9999999
## 36813	3	0.9999999
## 36814	0	0.9999999
## 36815	2	0.9999999
## 36816	4	0.9999999
## 36817	3	0.9999999
## 36818	2	0.9999999
## 36819	3	0.9999999
## 36820	2	0.9999999
## 36821	4	0.9999999
## 36822	1	0.9999999
## 36823	3	0.9999999
## 36824	4	0.9999999
## 36825	2	0.9999998
## 36826	4	0.9999999
## 36827	4	0.9999999
## 36828	2	0.9999999
## 36829	2	0.9999999
## 36830	2	0.9999999
## 36831	1	0.9999998
## 36832	4	0.9999999
## 36833	4	0.9999999
## 36834	3	0.9999999
## 36835	2	0.9999999
## 36836	4	0.9999999
## 36837	3	0.9999999
## 36838	4	0.9999999
## 36839	3	0.9999999
## 36840	3	0.9999999
## 36841	3	0.9999999
## 36842	2	0.9999999
## 36843	1	0.9999997
## 36844	3	0.9999999
## 36845	4	0.9999999
## 36846	2	0.9999999
## 36847	2	0.9999999
## 36848	4	0.9999999
## 36849	2	0.9999999
## 36850	2	0.9999999
## 36851	3	0.9999999
## 36852	4	0.9999999
## 36853	2	0.9999999
## 36854	2	0.9999999
## 36855	4	0.9999999
## 36856	3	0.9999999
## 36857	3	0.9999999

## 36858	3	0.9999999
## 36859	4	0.9999999
## 36860	4	0.9999999
## 36861	2	0.9999999
## 36862	3	0.9999999
## 36863	3	0.9999999
## 36864	3	0.9999999
## 36865	3	0.9999999
## 36866	3	0.9999999
## 36867	3	0.9999999
## 36868	4	0.9999999
## 36869	2	0.9999999
## 36870	2	0.9999999
## 36871	1	0.9999999
## 36872	3	0.9999999
## 36873	2	0.9999999
## 36874	2	0.9999999
## 36875	2	0.9999999
## 36876	2	0.9999999
## 36877	1	0.9999999
## 36878	1	0.9999999
## 36879	2	0.9999999
## 36880	1	0.9999999
## 36881	2	0.9999999
## 36882	2	0.9999999
## 36883	4	0.9999999
## 36884	3	0.9999999
## 36885	3	0.9999998
## 36886	0	0.9999999
## 36887	4	0.9999999
## 36888	2	0.9999999
## 36889	2	0.9999999
## 36890	3	0.9999998
## 36891	2	0.9999999
## 36892	1	0.9999998
## 36893	4	0.9999999
## 36894	2	0.9999999
## 36895	2	0.9999999
## 36896	4	0.9999999
## 36897	3	0.9999999
## 36898	4	0.9999999
## 36899	4	0.9999999
## 36900	3	0.9999999
## 36901	2	0.9999999
## 36902	3	0.9999999
## 36903	3	0.9999999
## 36904	2	0.9999999
## 36905	3	0.9999999
## 36906	3	0.9999999
## 36907	4	0.9999999
## 36908	4	0.9999999
## 36909	2	0.9999999
## 36910	2	0.9999999
## 36911	3	0.9999999

## 36912	1	0.9999999
## 36913	4	0.9999999
## 36914	3	0.9999999
## 36915	4	0.9999999
## 36916	2	0.9999998
## 36917	2	0.9999999
## 36918	3	0.9999999
## 36919	2	0.9999998
## 36920	2	0.9999999
## 36921	4	0.9999999
## 36922	2	0.9999999
## 36923	2	0.9999999
## 36924	2	0.9999999
## 36925	4	0.9999999
## 36926	4	0.9999999
## 36927	4	0.9999999
## 36928	2	0.9999999
## 36929	2	0.9999999
## 36930	3	0.9999999
## 36931	2	0.9999999
## 36932	2	0.9999999
## 36933	4	0.9999999
## 36934	4	0.9999999
## 36935	2	0.9999999
## 36936	4	0.9999999
## 36937	2	0.9999999
## 36938	3	0.9999999
## 36939	4	0.9999999
## 36940	0	0.9999999
## 36941	2	0.9999999
## 36942	4	0.9999999
## 36943	1	0.9999999
## 36944	2	0.9999999
## 36945	0	0.9999999
## 36946	2	0.9999999
## 36947	3	0.9999999
## 36948	2	0.9999999
## 36949	2	0.9999999
## 36950	2	0.9999999
## 36951	4	0.9999999
## 36952	2	0.9999999
## 36953	3	0.9999999
## 36954	2	0.9999999
## 36955	4	0.9999998
## 36956	4	0.9999999
## 36957	2	0.9999999
## 36958	3	0.9999998
## 36959	2	0.9999999
## 36960	4	0.9999999
## 36961	4	0.9999999
## 36962	4	0.9999999
## 36963	2	0.9999999
## 36964	2	0.9999999
## 36965	3	0.9999999

## 36966	2	0.9999999
## 36967	2	0.9999999
## 36968	4	0.9999999
## 36969	2	0.9999999
## 36970	2	0.9999999
## 36971	3	0.9999999
## 36972	2	0.9999999
## 36973	2	0.9999999
## 36974	2	0.9999999
## 36975	2	0.9999999
## 36976	2	0.9999998
## 36977	4	0.9999999
## 36978	3	0.9999999
## 36979	2	0.9999998
## 36980	2	0.9999999
## 36981	3	0.9999999
## 36982	4	0.9999999
## 36983	0	0.9999998
## 36984	4	0.9999999
## 36985	3	0.9999999
## 36986	4	0.9999999
## 36987	4	0.9999999
## 36988	0	0.9999999
## 36989	2	0.9999999
## 36990	2	0.9999999
## 36991	4	0.9999999
## 36992	3	0.9999999
## 36993	2	0.9999999
## 36994	4	0.9999999
## 36995	2	0.9999999
## 36996	3	0.9999999
## 36997	3	0.9999999
## 36998	1	0.9999999
## 36999	2	0.9999999
## 37000	2	0.9999999
## 37001	3	0.9999999
## 37002	2	0.9999999
## 37003	3	0.9999999
## 37004	2	0.9999999
## 37005	4	0.9999999
## 37006	2	0.9999999
## 37007	4	0.9999999
## 37008	3	0.9999999
## 37009	4	0.9999999
## 37010	2	0.9999999
## 37011	1	0.9999999
## 37012	4	0.9999999
## 37013	1	0.9999999
## 37014	2	0.9999999
## 37015	2	0.9999999
## 37016	3	0.9999999
## 37017	2	0.9999999
## 37018	4	0.9999999
## 37019	4	0.9999999

## 37020	3	0.9999999
## 37021	3	0.9999999
## 37022	2	0.9999999
## 37023	2	0.9999999
## 37024	1	0.9999999
## 37025	4	0.9999999
## 37026	4	0.9999999
## 37027	1	0.9999999
## 37028	3	0.9999999
## 37029	1	0.9999998
## 37030	1	0.9999999
## 37031	2	0.9999998
## 37032	1	0.9999999
## 37033	1	0.9999999
## 37034	2	0.9999999
## 37035	3	0.9999999
## 37036	2	0.9999998
## 37037	2	0.9999999
## 37038	1	0.9999999
## 37039	3	0.9999998
## 37040	2	0.9999999
## 37041	2	0.9999999
## 37042	3	0.9999999
## 37043	4	0.9999999
## 37044	3	0.9999999
## 37045	4	0.9999999
## 37046	2	0.9999999
## 37047	2	0.9999999
## 37048	2	0.9999999
## 37049	2	0.9999999
## 37050	0	0.9999999
## 37051	2	0.9999999
## 37052	1	0.9999999
## 37053	0	0.9999999
## 37054	2	0.9999999
## 37055	0	0.9999999
## 37056	3	0.9999999
## 37057	4	0.9999999
## 37058	2	0.9999999
## 37059	2	0.9999999
## 37060	2	0.9999998
## 37061	4	0.9999999
## 37062	2	0.9999999
## 37063	3	0.9999999
## 37064	2	0.9999999
## 37065	2	0.9999999
## 37066	4	0.9999999
## 37067	4	0.9999999
## 37068	2	0.9999999
## 37069	4	0.9999999
## 37070	3	0.9999997
## 37071	4	0.9999999
## 37072	0	0.9999999
## 37073	3	0.9999999

## 37074	3	0.9999999
## 37075	3	0.9999999
## 37076	2	0.9999999
## 37077	4	0.9999999
## 37078	1	0.9999999
## 37079	2	0.9999999
## 37080	3	0.9999999
## 37081	4	0.9999999
## 37082	3	0.9999999
## 37083	3	0.9999999
## 37084	4	0.9999999
## 37085	2	0.9999999
## 37086	1	0.9999999
## 37087	3	0.9999999
## 37088	1	0.9999999
## 37089	2	0.9999999
## 37090	2	0.9999999
## 37091	3	0.9999999
## 37092	4	0.9999999
## 37093	2	0.9999999
## 37094	3	0.9999999
## 37095	2	0.9999999
## 37096	0	0.9999999
## 37097	2	0.9999999
## 37098	4	0.9999999
## 37099	2	0.9999999
## 37100	4	0.9999999
## 37101	4	0.9999999
## 37102	2	0.9999999
## 37103	3	0.9999999
## 37104	2	0.9999999
## 37105	4	0.9999999
## 37106	2	0.9999999
## 37107	2	0.9999999
## 37108	3	0.9999999
## 37109	2	0.9999998
## 37110	3	0.9999999
## 37111	4	0.9999999
## 37112	2	0.9999999
## 37113	4	0.9999999
## 37114	4	0.9999999
## 37115	1	0.9999999
## 37116	3	0.9999999
## 37117	3	0.9999999
## 37118	3	0.9999999
## 37119	2	0.9999998
## 37120	1	0.9999999
## 37121	2	0.9999999
## 37122	3	0.9999999
## 37123	4	0.9999999
## 37124	2	0.9999999
## 37125	3	0.9999999
## 37126	2	0.9999999
## 37127	3	0.9999999

## 37128	2	0.9999998
## 37129	2	0.9999999
## 37130	4	0.9999999
## 37131	3	0.9999999
## 37132	2	0.9999999
## 37133	4	0.9999998
## 37134	1	0.9999999
## 37135	2	0.9999999
## 37136	4	0.9999999
## 37137	2	0.9999999
## 37138	3	0.9999999
## 37139	2	0.9999999
## 37140	3	0.9999999
## 37141	2	0.9999999
## 37142	3	0.9999998
## 37143	4	0.9999999
## 37144	4	0.9999999
## 37145	2	0.9999999
## 37146	4	0.9999999
## 37147	4	0.9999999
## 37148	4	0.9999999
## 37149	4	0.9999999
## 37150	2	0.9999999
## 37151	1	0.9999999
## 37152	3	0.9999999
## 37153	2	0.9999999
## 37154	2	0.9999999
## 37155	1	0.9999999
## 37156	2	0.9999999
## 37157	2	0.9999999
## 37158	4	0.9999999
## 37159	0	0.9999999
## 37160	4	0.9999999
## 37161	2	0.9999999
## 37162	1	0.9999999
## 37163	2	0.9999999
## 37164	2	0.9999999
## 37165	2	0.9999999
## 37166	1	0.9999999
## 37167	2	0.9999999
## 37168	4	0.9999999
## 37169	0	0.9999999
## 37170	2	0.9999999
## 37171	1	0.9999999
## 37172	2	0.9999999
## 37173	2	0.9999999
## 37174	2	0.9999999
## 37175	2	0.9999999
## 37176	2	0.9999999
## 37177	3	0.9999998
## 37178	3	0.9999998
## 37179	2	0.9999998
## 37180	0	0.9999999
## 37181	2	0.9999998

## 37182	2	0.9999999
## 37183	1	0.9999999
## 37184	2	0.9999999
## 37185	3	0.9999999
## 37186	3	0.9999999
## 37187	2	0.9999999
## 37188	2	0.9999999
## 37189	2	0.9999999
## 37190	4	0.9999999
## 37191	2	0.9999999
## 37192	3	0.9999999
## 37193	2	0.9999999
## 37194	1	0.9999999
## 37195	4	0.9999999
## 37196	2	0.9999999
## 37197	4	0.9999999
## 37198	2	0.9999999
## 37199	1	0.9999999
## 37200	2	0.9999999
## 37201	4	0.9999998
## 37202	3	0.9999999
## 37203	2	0.9999999
## 37204	1	0.9999999
## 37205	2	0.9999999
## 37206	4	0.9999999
## 37207	2	0.9999999
## 37208	2	0.9999998
## 37209	2	0.9999999
## 37210	3	0.9999999
## 37211	4	0.9999999
## 37212	4	0.9999999
## 37213	0	0.9999999
## 37214	2	0.9999999
## 37215	4	0.9999998
## 37216	2	0.9999999
## 37217	4	0.9999999
## 37218	3	0.9999999
## 37219	3	0.9999999
## 37220	2	0.9999999
## 37221	2	0.9999999
## 37222	2	0.9999999
## 37223	3	0.9999999
## 37224	4	0.9999999
## 37225	2	0.9999998
## 37226	2	0.9999999
## 37227	3	0.9999999
## 37228	2	0.9999999
## 37229	4	0.9999999
## 37230	4	0.9999999
## 37231	4	0.9999999
## 37232	2	0.9999999
## 37233	2	0.9999999
## 37234	2	0.9999998
## 37235	1	0.9999999

## 37236	2	0.9999999
## 37237	1	0.9999999
## 37238	4	0.9999999
## 37239	2	0.9999999
## 37240	2	0.9999999
## 37241	3	0.9999999
## 37242	4	0.9999999
## 37243	3	0.9999999
## 37244	2	0.9999999
## 37245	3	0.9999999
## 37246	3	0.9999999
## 37247	3	0.9999999
## 37248	2	0.9999999
## 37249	2	0.9999999
## 37250	4	0.9999998
## 37251	1	0.9999998
## 37252	2	0.9999999
## 37253	3	0.9999999
## 37254	3	0.9999999
## 37255	3	0.9999998
## 37256	2	0.9999999
## 37257	3	0.9999999
## 37258	3	0.9999999
## 37259	3	0.9999999
## 37260	2	0.9999999
## 37261	3	0.9999999
## 37262	2	0.9999999
## 37263	3	0.9999999
## 37264	1	0.9999999
## 37265	2	0.9999999
## 37266	2	0.9999999
## 37267	3	0.9999999
## 37268	4	0.9999999
## 37269	3	0.9999999
## 37270	4	0.9999999
## 37271	3	0.9999999
## 37272	2	0.9999999
## 37273	3	0.9999999
## 37274	2	0.9999999
## 37275	3	0.9999999
## 37276	4	0.9999999
## 37277	4	0.9999999
## 37278	1	0.9999998
## 37279	2	0.9999999
## 37280	2	0.9999999
## 37281	2	0.9999999
## 37282	2	0.9999999
## 37283	2	0.9999999
## 37284	3	0.9999999
## 37285	3	0.9999999
## 37286	3	0.9999999
## 37287	4	0.9999999
## 37288	3	0.9999999
## 37289	3	0.9999999

## 37290	2	0.9999999
## 37291	2	0.9999999
## 37292	4	0.9999999
## 37293	4	0.9999999
## 37294	2	0.9999999
## 37295	1	0.9999999
## 37296	2	0.9999999
## 37297	1	0.9999998
## 37298	2	0.9999999
## 37299	3	0.9999999
## 37300	4	0.9999999
## 37301	3	0.9999998
## 37302	2	0.9999999
## 37303	4	0.9999999
## 37304	3	0.9999999
## 37305	4	0.9999999
## 37306	3	0.9999998
## 37307	0	0.9999999
## 37308	2	0.9999999
## 37309	2	0.9999999
## 37310	0	0.9999999
## 37311	4	0.9999999
## 37312	0	0.9999999
## 37313	4	0.9999999
## 37314	4	0.9999998
## 37315	2	0.9999999
## 37316	3	0.9999999
## 37317	4	0.9999999
## 37318	4	0.9999999
## 37319	2	0.9999999
## 37320	3	0.9999999
## 37321	2	0.9999998
## 37322	3	0.9999999
## 37323	2	0.9999999
## 37324	2	0.9999999
## 37325	2	0.9999999
## 37326	4	0.9999999
## 37327	3	0.9999999
## 37328	2	0.9999999
## 37329	2	0.9999999
## 37330	1	0.9999999
## 37331	2	0.9999999
## 37332	2	0.9999999
## 37333	3	0.9999999
## 37334	4	0.9999999
## 37335	2	0.9999999
## 37336	3	0.9999999
## 37337	4	0.9999999
## 37338	4	0.9999999
## 37339	3	0.9999999
## 37340	4	0.9999998
## 37341	1	0.9999999
## 37342	3	0.9999999
## 37343	3	0.9999999

## 37344	0	0.9999998
## 37345	2	0.9999999
## 37346	1	0.9999999
## 37347	2	0.9999999
## 37348	2	0.9999999
## 37349	3	0.9999999
## 37350	2	0.9999999
## 37351	3	0.9999999
## 37352	2	0.9999999
## 37353	2	0.9999999
## 37354	3	0.9999999
## 37355	0	0.9999999
## 37356	0	0.9999998
## 37357	3	0.9999999
## 37358	3	0.9999999
## 37359	3	0.9999998
## 37360	3	0.9999999
## 37361	2	0.9999999
## 37362	2	0.9999998
## 37363	2	0.9999999
## 37364	2	0.9999999
## 37365	4	0.9999999
## 37366	3	0.9999999
## 37367	2	0.9999999
## 37368	4	0.9999999
## 37369	3	0.9999999
## 37370	4	0.9999999
## 37371	2	0.9999999
## 37372	2	0.9999999
## 37373	3	0.9999999
## 37374	3	0.9999999
## 37375	0	0.9999999
## 37376	2	0.9999999
## 37377	4	0.9999999
## 37378	4	0.9999999
## 37379	3	0.9999998
## 37380	2	0.9999999
## 37381	2	0.9999998
## 37382	2	0.9999999
## 37383	1	0.9999999
## 37384	2	0.9999998
## 37385	2	0.9999998
## 37386	1	0.9999999
## 37387	2	0.9999999
## 37388	2	0.9999999
## 37389	4	0.9999999
## 37390	2	0.9999999
## 37391	2	0.9999999
## 37392	2	0.9999999
## 37393	2	0.9999999
## 37394	3	0.9999999
## 37395	2	0.9999999
## 37396	2	0.9999999
## 37397	3	0.9999999

## 37398	4	0.9999999
## 37399	4	0.9999999
## 37400	0	0.9999999
## 37401	4	0.9999999
## 37402	4	0.9999999
## 37403	2	0.9999999
## 37404	3	0.9999999
## 37405	3	0.9999999
## 37406	2	0.9999999
## 37407	4	0.9999999
## 37408	2	0.9999999
## 37409	2	0.9999999
## 37410	2	0.9999999
## 37411	2	0.9999999
## 37412	4	0.9999999
## 37413	3	0.9999999
## 37414	2	0.9999999
## 37415	2	0.9999999
## 37416	2	0.9999999
## 37417	0	0.9999999
## 37418	4	0.9999999
## 37419	4	0.9999999
## 37420	2	0.9999999
## 37421	2	0.9999999
## 37422	2	0.9999999
## 37423	2	0.9999999
## 37424	2	0.9999999
## 37425	4	0.9999999
## 37426	3	0.9999999
## 37427	4	0.9999999
## 37428	2	0.9999999
## 37429	2	0.9999999
## 37430	4	0.9999999
## 37431	3	0.9999999
## 37432	2	0.9999999
## 37433	1	0.9999999
## 37434	4	0.9999999
## 37435	2	0.9999999
## 37436	4	0.9999999
## 37437	2	0.9999999
## 37438	2	0.9999999
## 37439	4	0.9999999
## 37440	2	0.9999999
## 37441	2	0.9999999
## 37442	2	0.9999999
## 37443	2	0.9999999
## 37444	2	0.9999999
## 37445	2	0.9999999
## 37446	2	0.9999999
## 37447	4	0.9999999
## 37448	4	0.9999999
## 37449	1	0.9999999
## 37450	1	0.9999999
## 37451	2	0.9999999

## 37452	3	0.9999999
## 37453	3	0.9999999
## 37454	1	0.9999999
## 37455	2	0.9999999
## 37456	3	0.9999999
## 37457	4	0.9999999
## 37458	0	0.9999999
## 37459	3	0.9999999
## 37460	0	0.9999999
## 37461	3	0.9999998
## 37462	0	0.9999999
## 37463	3	0.9999999
## 37464	1	0.9999998
## 37465	2	0.9999999
## 37466	2	0.9999999
## 37467	2	0.9999999
## 37468	2	0.9999999
## 37469	1	0.9999999
## 37470	2	0.9999998
## 37471	1	0.9999999
## 37472	4	0.9999999
## 37473	2	0.9999999
## 37474	3	0.9999999
## 37475	2	0.9999999
## 37476	3	0.9999999
## 37477	3	0.9999999
## 37478	4	0.9999999
## 37479	4	0.9999999
## 37480	2	0.9999999
## 37481	3	0.9999999
## 37482	1	0.9999999
## 37483	3	0.9999999
## 37484	4	0.9999999
## 37485	2	0.9999999
## 37486	3	0.9999999
## 37487	3	0.9999999
## 37488	4	0.9999999
## 37489	2	0.9999999
## 37490	1	0.9999999
## 37491	4	0.9999999
## 37492	4	0.9999999
## 37493	4	0.9999999
## 37494	4	0.9999999
## 37495	2	0.9999999
## 37496	3	0.9999999
## 37497	2	0.9999999
## 37498	0	0.9999999
## 37499	2	0.9999999
## 37500	2	0.9999999
## 37501	4	0.9999999
## 37502	3	0.9999999
## 37503	3	0.9999999
## 37504	2	0.9999999
## 37505	4	0.9999999

## 37506	2	0.9999999
## 37507	2	0.9999999
## 37508	4	0.9999999
## 37509	1	0.9999998
## 37510	2	0.9999999
## 37511	2	0.9999999
## 37512	2	0.9999999
## 37513	4	0.9999999
## 37514	3	0.9999998
## 37515	1	0.9999999
## 37516	4	0.9999999
## 37517	2	0.9999999
## 37518	2	0.9999999
## 37519	3	0.9999999
## 37520	2	0.9999999
## 37521	3	0.9999999
## 37522	3	0.9999999
## 37523	4	0.9999999
## 37524	3	0.9999999
## 37525	3	0.9999999
## 37526	3	0.9999998
## 37527	4	0.9999999
## 37528	3	0.9999999
## 37529	1	0.9999999
## 37530	4	0.9999999
## 37531	4	0.9999999
## 37532	0	0.9999998
## 37533	2	0.9999999
## 37534	2	0.9999999
## 37535	3	0.9999999
## 37536	3	0.9999999
## 37537	3	0.9999999
## 37538	4	0.9999998
## 37539	0	0.9999999
## 37540	2	0.9999998
## 37541	2	0.9999999
## 37542	4	0.9999999
## 37543	3	0.9999999
## 37544	2	0.9999999
## 37545	3	0.9999999
## 37546	4	0.9999999
## 37547	3	0.9999999
## 37548	3	0.9999999
## 37549	2	0.9999999
## 37550	1	0.9999999
## 37551	3	0.9999999
## 37552	2	0.9999999
## 37553	3	0.9999999
## 37554	4	0.9999999
## 37555	1	0.9999999
## 37556	3	0.9999999
## 37557	4	0.9999999
## 37558	4	0.9999999
## 37559	2	0.9999998

## 37560	2	0.9999998
## 37561	4	0.9999999
## 37562	3	0.9999999
## 37563	1	0.9999999
## 37564	4	0.9999999
## 37565	3	0.9999999
## 37566	3	0.9999999
## 37567	3	0.9999999
## 37568	1	0.9999999
## 37569	2	0.9999999
## 37570	3	0.9999999
## 37571	2	0.9999999
## 37572	2	0.9999999
## 37573	3	0.9999999
## 37574	2	0.9999999
## 37575	3	0.9999999
## 37576	2	0.9999998
## 37577	3	0.9999999
## 37578	2	0.9999999
## 37579	2	0.9999999
## 37580	3	0.9999999
## 37581	4	0.9999998
## 37582	2	0.9999999
## 37583	1	0.9999999
## 37584	2	0.9999999
## 37585	2	0.9999999
## 37586	3	0.9999999
## 37587	2	0.9999999
## 37588	2	0.9999999
## 37589	2	0.9999999
## 37590	2	0.9999999
## 37591	2	0.9999999
## 37592	3	0.9999999
## 37593	4	0.9999999
## 37594	2	0.9999999
## 37595	4	0.9999999
## 37596	2	0.9999999
## 37597	3	0.9999999
## 37598	4	0.9999999
## 37599	2	0.9999999
## 37600	2	0.9999999
## 37601	3	0.9999999
## 37602	3	0.9999999
## 37603	4	0.9999999
## 37604	3	0.9999999
## 37605	2	0.9999999
## 37606	2	0.9999998
## 37607	3	0.9999999
## 37608	2	0.9999999
## 37609	4	0.9999999
## 37610	3	0.9999999
## 37611	2	0.9999999
## 37612	1	0.9999999
## 37613	2	0.9999999

## 37614	2	0.9999999
## 37615	2	0.9999999
## 37616	4	0.9999999
## 37617	4	0.9999999
## 37618	2	0.9999999
## 37619	0	0.9999999
## 37620	4	0.9999999
## 37621	3	0.9999999
## 37622	3	0.9999999
## 37623	3	0.9999999
## 37624	2	0.9999999
## 37625	1	0.9999999
## 37626	2	0.9999999
## 37627	2	0.9999999
## 37628	2	0.9999999
## 37629	4	0.9999998
## 37630	2	0.9999999
## 37631	4	0.9999999
## 37632	2	0.9999999
## 37633	2	0.9999999
## 37634	0	0.9999999
## 37635	4	0.9999999
## 37636	2	0.9999999
## 37637	3	0.9999999
## 37638	4	0.9999999
## 37639	2	0.9999999
## 37640	4	0.9999999
## 37641	1	0.9999999
## 37642	1	0.9999999
## 37643	3	0.9999999
## 37644	2	0.9999999
## 37645	3	0.9999999
## 37646	2	0.9999999
## 37647	4	0.9999999
## 37648	3	0.9999998
## 37649	2	0.9999999
## 37650	2	0.9999999
## 37651	1	0.9999998
## 37652	2	0.9999998
## 37653	2	0.9999998
## 37654	2	0.9999999
## 37655	2	0.9999999
## 37656	3	0.9999999
## 37657	1	0.9999999
## 37658	3	0.9999999
## 37659	3	0.9999999
## 37660	2	0.9999999
## 37661	2	0.9999999
## 37662	2	0.9999998
## 37663	4	0.9999999
## 37664	1	0.9999999
## 37665	2	0.9999999
## 37666	3	0.9999999
## 37667	3	0.9999999

## 37668	3	0.9999999
## 37669	4	0.9999999
## 37670	4	0.9999999
## 37671	1	0.9999999
## 37672	3	0.9999999
## 37673	3	0.9999999
## 37674	4	0.9999999
## 37675	1	0.9999999
## 37676	3	0.9999999
## 37677	2	0.9999999
## 37678	3	0.9999999
## 37679	3	0.9999999
## 37680	2	0.9999999
## 37681	1	0.9999999
## 37682	2	0.9999999
## 37683	4	0.9999999
## 37684	1	0.9999999
## 37685	3	0.9999999
## 37686	2	0.9999999
## 37687	4	0.9999999
## 37688	3	0.9999998
## 37689	3	0.9999999
## 37690	2	0.9999999
## 37691	3	0.9999999
## 37692	2	0.9999999
## 37693	2	0.9999999
## 37694	4	0.9999999
## 37695	2	0.9999998
## 37696	4	0.9999999
## 37697	3	0.9999999
## 37698	3	0.9999998
## 37699	3	0.9999999
## 37700	2	0.9999999
## 37701	1	0.9999998
## 37702	4	0.9999999
## 37703	3	0.9999999
## 37704	1	0.9999998
## 37705	2	0.9999999
## 37706	2	0.9999999
## 37707	3	0.9999999
## 37708	2	0.9999999
## 37709	4	0.9999999
## 37710	2	0.9999999
## 37711	3	0.9999999
## 37712	3	0.9999999
## 37713	3	0.9999999
## 37714	4	0.9999998
## 37715	2	0.9999999
## 37716	3	0.9999999
## 37717	4	0.9999999
## 37718	3	0.9999999
## 37719	3	0.9999999
## 37720	1	0.9999999
## 37721	2	0.9999999

## 37722	4	0.9999999
## 37723	3	0.9999999
## 37724	2	0.9999999
## 37725	2	0.9999999
## 37726	2	0.9999999
## 37727	1	0.9999999
## 37728	2	0.9999999
## 37729	3	0.9999999
## 37730	2	0.9999999
## 37731	2	0.9999999
## 37732	2	0.9999999
## 37733	3	0.9999999
## 37734	3	0.9999999
## 37735	2	0.9999999
## 37736	3	0.9999999
## 37737	3	0.9999999
## 37738	2	0.9999999
## 37739	3	0.9999999
## 37740	3	0.9999999
## 37741	2	0.9999999
## 37742	4	0.9999999
## 37743	1	0.9999999
## 37744	3	0.9999999
## 37745	3	0.9999999
## 37746	4	0.9999999
## 37747	2	0.9999999
## 37748	4	0.9999999
## 37749	4	0.9999999
## 37750	2	0.9999999
## 37751	2	0.9999999
## 37752	4	0.9999999
## 37753	3	0.9999999
## 37754	2	0.9999999
## 37755	1	0.9999999
## 37756	2	0.9999999
## 37757	2	0.9999999
## 37758	2	0.9999999
## 37759	3	0.9999999
## 37760	2	0.9999999
## 37761	3	0.9999999
## 37762	2	0.9999998
## 37763	2	0.9999999
## 37764	4	0.9999999
## 37765	1	0.9999999
## 37766	2	0.9999999
## 37767	2	0.9999999
## 37768	2	0.9999998
## 37769	4	0.9999999
## 37770	3	0.9999999
## 37771	3	0.9999999
## 37772	0	0.9999999
## 37773	4	0.9999999
## 37774	1	0.9999999
## 37775	3	0.9999998

## 37776	4	0.9999999
## 37777	1	0.9999999
## 37778	2	0.9999999
## 37779	0	0.9999998
## 37780	2	0.9999999
## 37781	2	0.9999999
## 37782	4	0.9999999
## 37783	2	0.9999999
## 37784	2	0.9999999
## 37785	2	0.9999999
## 37786	4	0.9999999
## 37787	1	0.9999999
## 37788	2	0.9999999
## 37789	3	0.9999999
## 37790	4	0.9999999
## 37791	4	0.9999999
## 37792	3	0.9999999
## 37793	3	0.9999999
## 37794	2	0.9999999
## 37795	2	0.9999999
## 37796	2	0.9999999
## 37797	4	0.9999999
## 37798	2	0.9999999
## 37799	4	0.9999999
## 37800	4	0.9999999
## 37801	4	0.9999999
## 37802	3	0.9999999
## 37803	2	0.9999999
## 37804	3	0.9999999
## 37805	2	0.9999999
## 37806	3	0.9999999
## 37807	1	0.9999999
## 37808	2	0.9999999
## 37809	2	0.9999999
## 37810	1	0.9999999
## 37811	1	0.9999999
## 37812	1	0.9999999
## 37813	3	0.9999999
## 37814	0	0.9999998
## 37815	4	0.9999999
## 37816	4	0.9999999
## 37817	3	0.9999999
## 37818	4	0.9999998
## 37819	1	0.9999999
## 37820	2	0.9999998
## 37821	0	0.9999999
## 37822	2	0.9999999
## 37823	4	0.9999999
## 37824	3	0.9999999
## 37825	4	0.9999999
## 37826	1	0.9999999
## 37827	2	0.9999999
## 37828	4	0.9999999
## 37829	2	0.9999999

## 37830	4	0.9999999
## 37831	2	0.9999999
## 37832	0	0.9999998
## 37833	2	0.9999999
## 37834	2	0.9999999
## 37835	0	0.9999999
## 37836	1	0.9999999
## 37837	4	0.9999999
## 37838	3	0.9999999
## 37839	1	0.9999999
## 37840	2	0.9999999
## 37841	3	0.9999999
## 37842	4	0.9999999
## 37843	4	0.9999999
## 37844	2	0.9999999
## 37845	1	0.9999999
## 37846	4	0.9999998
## 37847	3	0.9999999
## 37848	2	0.9999999
## 37849	2	0.9999999
## 37850	4	0.9999999
## 37851	4	0.9999999
## 37852	2	0.9999999
## 37853	2	0.9999999
## 37854	1	0.9999999
## 37855	2	0.9999998
## 37856	3	0.9999999
## 37857	2	0.9999999
## 37858	4	0.9999999
## 37859	4	0.9999999
## 37860	4	0.9999999
## 37861	3	0.9999999
## 37862	2	0.9999999
## 37863	3	0.9999999
## 37864	2	0.9999999
## 37865	2	0.9999999
## 37866	2	0.9999999
## 37867	2	0.9999999
## 37868	3	0.9999999
## 37869	4	0.9999999
## 37870	4	0.9999999
## 37871	2	0.9999999
## 37872	4	0.9999999
## 37873	2	0.9999999
## 37874	3	0.9999999
## 37875	2	0.9999999
## 37876	1	0.9999999
## 37877	2	0.9999999
## 37878	3	0.9999999
## 37879	2	0.9999999
## 37880	3	0.9999998
## 37881	3	0.9999999
## 37882	2	0.9999999
## 37883	4	0.9999999

## 37884	4	0.9999999
## 37885	0	0.9999999
## 37886	2	0.9999999
## 37887	0	0.9999999
## 37888	2	0.9999999
## 37889	3	0.9999999
## 37890	2	0.9999999
## 37891	2	0.9999999
## 37892	4	0.9999999
## 37893	4	0.9999999
## 37894	4	0.9999999
## 37895	2	0.9999999
## 37896	2	0.9999999
## 37897	2	0.9999999
## 37898	2	0.9999999
## 37899	2	0.9999999
## 37900	2	0.9999999
## 37901	3	0.9999999
## 37902	2	0.9999999
## 37903	2	0.9999999
## 37904	4	0.9999999
## 37905	2	0.9999999
## 37906	1	0.9999999
## 37907	3	0.9999999
## 37908	2	0.9999999
## 37909	2	0.9999999
## 37910	3	0.9999999
## 37911	4	0.9999999
## 37912	2	0.9999999
## 37913	2	0.9999999
## 37914	2	0.9999999
## 37915	4	0.9999999
## 37916	4	0.9999999
## 37917	3	0.9999999
## 37918	4	0.9999999
## 37919	2	0.9999999
## 37920	2	0.9999999
## 37921	1	0.9999999
## 37922	4	0.9999999
## 37923	2	0.9999999
## 37924	3	0.9999999
## 37925	2	0.9999998
## 37926	2	0.9999999
## 37927	2	0.9999999
## 37928	3	0.9999999
## 37929	2	0.9999999
## 37930	0	0.9999999
## 37931	2	0.9999999
## 37932	2	0.9999999
## 37933	4	0.9999999
## 37934	4	0.9999999
## 37935	2	0.9999999
## 37936	4	0.9999999
## 37937	3	0.9999998

## 37938	4	0.9999999
## 37939	2	0.9999999
## 37940	2	0.9999999
## 37941	3	0.9999999
## 37942	3	0.9999999
## 37943	3	0.9999999
## 37944	2	0.9999999
## 37945	4	0.9999999
## 37946	4	0.9999999
## 37947	3	0.9999999
## 37948	3	0.9999999
## 37949	4	0.9999999
## 37950	4	0.9999999
## 37951	2	0.9999999
## 37952	4	0.9999999
## 37953	2	0.9999999
## 37954	2	0.9999999
## 37955	0	0.9999998
## 37956	3	0.9999999
## 37957	1	0.9999999
## 37958	1	0.9999999
## 37959	3	0.9999999
## 37960	3	0.9999999
## 37961	1	0.9999999
## 37962	1	0.9999999
## 37963	1	0.9999998
## 37964	2	0.9999999
## 37965	2	0.9999999
## 37966	2	0.9999999
## 37967	2	0.9999999
## 37968	3	0.9999999
## 37969	2	0.9999999
## 37970	3	0.9999999
## 37971	2	0.9999999
## 37972	1	0.9999998
## 37973	2	0.9999998
## 37974	2	0.9999999
## 37975	4	0.9999999
## 37976	4	0.9999999
## 37977	2	0.9999999
## 37978	2	0.9999999
## 37979	2	0.9999999
## 37980	3	0.9999999
## 37981	3	0.9999999
## 37982	4	0.9999999
## 37983	2	0.9999998
## 37984	3	0.9999999
## 37985	2	0.9999999
## 37986	1	0.9999998
## 37987	4	0.9999999
## 37988	2	0.9999999
## 37989	3	0.9999999
## 37990	2	0.9999999
## 37991	2	0.9999999

## 37992	4	0.9999999
## 37993	2	0.9999999
## 37994	2	0.9999999
## 37995	2	0.9999999
## 37996	2	0.9999999
## 37997	3	0.9999999
## 37998	4	0.9999999
## 37999	2	0.9999999
## 38000	2	0.9999999
## 38001	2	0.9999999
## 38002	2	0.9999999
## 38003	3	0.9999999
## 38004	3	0.9999999
## 38005	4	0.9999999
## 38006	2	0.9999999
## 38007	4	0.9999999
## 38008	2	0.9999999
## 38009	2	0.9999999
## 38010	1	0.9999999
## 38011	4	0.9999999
## 38012	2	0.9999999
## 38013	4	0.9999999
## 38014	4	0.9999999
## 38015	4	0.9999999
## 38016	4	0.9999998
## 38017	4	0.9999999
## 38018	4	0.9999999
## 38019	3	0.9999999
## 38020	3	0.9999999
## 38021	2	0.9999999
## 38022	2	0.9999999
## 38023	1	0.9999999
## 38024	4	0.9999999
## 38025	2	0.9999999
## 38026	3	0.9999999
## 38027	3	0.9999999
## 38028	2	0.9999999
## 38029	3	0.9999999
## 38030	3	0.9999999
## 38031	2	0.9999999
## 38032	2	0.9999999
## 38033	3	0.9999999
## 38034	2	0.9999999
## 38035	3	0.9999999
## 38036	2	0.9999999
## 38037	1	0.9999999
## 38038	3	0.9999999
## 38039	4	0.9999999
## 38040	4	0.9999999
## 38041	3	0.9999999
## 38042	4	0.9999999
## 38043	4	0.9999999
## 38044	2	0.9999999
## 38045	4	0.9999999

## 38046	2	0.9999999
## 38047	4	0.9999999
## 38048	3	0.9999999
## 38049	1	0.9999999
## 38050	2	0.9999999
## 38051	3	0.9999999
## 38052	3	0.9999999
## 38053	2	0.9999999
## 38054	4	0.9999999
## 38055	2	0.9999999
## 38056	4	0.9999999
## 38057	3	0.9999999
## 38058	4	0.9999998
## 38059	2	0.9999999
## 38060	4	0.9999999
## 38061	3	0.9999999
## 38062	4	0.9999999
## 38063	3	0.9999999
## 38064	4	0.9999999
## 38065	2	0.9999999
## 38066	4	0.9999998
## 38067	2	0.9999999
## 38068	3	0.9999999
## 38069	2	0.9999999
## 38070	1	0.9999999
## 38071	2	0.9999999
## 38072	1	0.9999999
## 38073	3	0.9999998
## 38074	3	0.9999999
## 38075	2	0.9999999
## 38076	2	0.9999999
## 38077	2	0.9999999
## 38078	2	0.9999999
## 38079	2	0.9999999
## 38080	3	0.9999999
## 38081	4	0.9999999
## 38082	0	0.9999999
## 38083	3	0.9999998
## 38084	2	0.9999999
## 38085	3	0.9999999
## 38086	4	0.9999999
## 38087	2	0.9999999
## 38088	3	0.9999999
## 38089	3	0.9999999
## 38090	2	0.9999999
## 38091	1	0.9999998
## 38092	2	0.9999999
## 38093	1	0.9999999
## 38094	3	0.9999999
## 38095	1	0.9999999
## 38096	3	0.9999999
## 38097	2	0.9999999
## 38098	3	0.9999999
## 38099	2	0.9999999

## 38100	2	0.9999999
## 38101	4	0.9999999
## 38102	2	0.9999999
## 38103	3	0.9999999
## 38104	4	0.9999998
## 38105	2	0.9999999
## 38106	2	0.9999999
## 38107	4	0.9999999
## 38108	3	0.9999999
## 38109	3	0.9999999
## 38110	3	0.9999999
## 38111	4	0.9999999
## 38112	2	0.9999999
## 38113	2	0.9999998
## 38114	1	0.9999999
## 38115	1	0.9999999
## 38116	2	0.9999999
## 38117	2	0.9999999
## 38118	3	0.9999999
## 38119	2	0.9999999
## 38120	2	0.9999998
## 38121	2	0.9999999
## 38122	4	0.9999999
## 38123	2	0.9999999
## 38124	3	0.9999999
## 38125	2	0.9999999
## 38126	2	0.9999999
## 38127	3	0.9999999
## 38128	4	0.9999999
## 38129	3	0.9999999
## 38130	2	0.9999999
## 38131	1	0.9999999
## 38132	2	0.9999999
## 38133	1	0.9999999
## 38134	2	0.9999999
## 38135	3	0.9999999
## 38136	3	0.9999999
## 38137	1	0.9999999
## 38138	1	0.9999998
## 38139	2	0.9999999
## 38140	3	0.9999999
## 38141	3	0.9999999
## 38142	2	0.9999999
## 38143	1	0.9999999
## 38144	3	0.9999999
## 38145	3	0.9999999
## 38146	1	0.9999999
## 38147	4	0.9999999
## 38148	4	0.9999999
## 38149	4	0.9999999
## 38150	1	0.9999999
## 38151	3	0.9999999
## 38152	0	0.9999999
## 38153	2	0.9999999

## 38154	0	0.9999999
## 38155	2	0.9999999
## 38156	4	0.9999999
## 38157	3	0.9999999
## 38158	2	0.9999999
## 38159	2	0.9999999
## 38160	2	0.9999999
## 38161	2	0.9999999
## 38162	3	0.9999999
## 38163	1	0.9999999
## 38164	2	0.9999999
## 38165	2	0.9999999
## 38166	4	0.9999999
## 38167	2	0.9999999
## 38168	2	0.9999999
## 38169	2	0.9999999
## 38170	3	0.9999999
## 38171	2	0.9999999
## 38172	2	0.9999999
## 38173	4	0.9999999
## 38174	3	0.9999999
## 38175	2	0.9999999
## 38176	2	0.9999999
## 38177	3	0.9999999
## 38178	4	0.9999999
## 38179	3	0.9999999
## 38180	3	0.9999999
## 38181	2	0.9999999
## 38182	2	0.9999999
## 38183	3	0.9999999
## 38184	4	0.9999999
## 38185	3	0.9999999
## 38186	2	0.9999999
## 38187	2	0.9999999
## 38188	2	0.9999999
## 38189	2	0.9999999
## 38190	2	0.9999999
## 38191	4	0.9999999
## 38192	4	0.9999999
## 38193	4	0.9999998
## 38194	0	0.9999999
## 38195	2	0.9999999
## 38196	2	0.9999999
## 38197	2	0.9999999
## 38198	1	0.9999999
## 38199	2	0.9999998
## 38200	4	0.9999999
## 38201	4	0.9999999
## 38202	2	0.9999999
## 38203	2	0.9999999
## 38204	3	0.9999999
## 38205	1	0.9999999
## 38206	2	0.9999999
## 38207	3	0.9999999

## 38208	2	0.9999999
## 38209	4	0.9999999
## 38210	2	0.9999999
## 38211	3	0.9999999
## 38212	1	0.9999999
## 38213	4	0.9999999
## 38214	4	0.9999999
## 38215	2	0.9999999
## 38216	1	0.9999999
## 38217	2	0.9999999
## 38218	4	0.9999999
## 38219	4	0.9999999
## 38220	3	0.9999999
## 38221	2	0.9999999
## 38222	2	0.9999999
## 38223	4	0.9999999
## 38224	2	0.9999999
## 38225	3	0.9999999
## 38226	2	0.9999999
## 38227	3	0.9999999
## 38228	1	0.9999999
## 38229	2	0.9999999
## 38230	2	0.9999999
## 38231	4	0.9999999
## 38232	0	0.9999999
## 38233	2	0.9999999
## 38234	3	0.9999999
## 38235	2	0.9999999
## 38236	4	0.9999999
## 38237	4	0.9999999
## 38238	2	0.9999999
## 38239	4	0.9999999
## 38240	1	0.9999999
## 38241	3	0.9999999
## 38242	3	0.9999999
## 38243	3	0.9999999
## 38244	2	0.9999999
## 38245	1	0.9999999
## 38246	2	0.9999999
## 38247	4	0.9999999
## 38248	3	0.9999998
## 38249	2	0.9999999
## 38250	4	0.9999999
## 38251	4	0.9999999
## 38252	2	0.9999999
## 38253	3	0.9999999
## 38254	2	0.9999999
## 38255	2	0.9999999
## 38256	1	0.9999999
## 38257	2	0.9999998
## 38258	3	0.9999999
## 38259	3	0.9999999
## 38260	4	0.9999999
## 38261	4	0.9999999

## 38262	2	0.9999999
## 38263	2	0.9999999
## 38264	2	0.9999999
## 38265	3	0.9999999
## 38266	3	0.9999999
## 38267	3	0.9999999
## 38268	4	0.9999999
## 38269	1	0.9999999
## 38270	2	0.9999999
## 38271	3	0.9999999
## 38272	2	0.9999999
## 38273	2	0.9999999
## 38274	3	0.9999999
## 38275	2	0.9999999
## 38276	4	0.9999999
## 38277	1	0.9999999
## 38278	3	0.9999999
## 38279	4	0.9999999
## 38280	2	0.9999999
## 38281	4	0.9999999
## 38282	4	0.9999999
## 38283	2	0.9999999
## 38284	2	0.9999999
## 38285	3	0.9999999
## 38286	2	0.9999999
## 38287	2	0.9999999
## 38288	3	0.9999999
## 38289	3	0.9999999
## 38290	4	0.9999998
## 38291	4	0.9999999
## 38292	2	0.9999999
## 38293	4	0.9999999
## 38294	4	0.9999999
## 38295	3	0.9999999
## 38296	1	0.9999999
## 38297	3	0.9999999
## 38298	2	0.9999999
## 38299	3	0.9999999
## 38300	2	0.9999999
## 38301	3	0.9999999
## 38302	3	0.9999999
## 38303	2	0.9999999
## 38304	3	0.9999998
## 38305	3	0.9999999
## 38306	2	0.9999999
## 38307	4	0.9999999
## 38308	3	0.9999999
## 38309	2	0.9999999
## 38310	2	0.9999999
## 38311	4	0.9999999
## 38312	1	0.9999999
## 38313	2	0.9999999
## 38314	3	0.9999999
## 38315	4	0.9999999

## 38316	1	0.9999999
## 38317	2	0.9999999
## 38318	2	0.9999999
## 38319	0	0.9999999
## 38320	4	0.9999999
## 38321	2	0.9999998
## 38322	2	0.9999999
## 38323	4	0.9999999
## 38324	4	0.9999999
## 38325	4	0.9999999
## 38326	3	0.9999999
## 38327	2	0.9999998
## 38328	2	0.9999999
## 38329	1	0.9999998
## 38330	1	0.9999998
## 38331	2	0.9999999
## 38332	0	0.9999999
## 38333	3	0.9999999
## 38334	4	0.9999999
## 38335	4	0.9999999
## 38336	2	0.9999999
## 38337	3	0.9999999
## 38338	2	0.9999999
## 38339	4	0.9999999
## 38340	4	0.9999999
## 38341	4	0.9999999
## 38342	1	0.9999999
## 38343	2	0.9999999
## 38344	4	0.9999999
## 38345	2	0.9999999
## 38346	2	0.9999999
## 38347	4	0.9999999
## 38348	4	0.9999999
## 38349	2	0.9999999
## 38350	4	0.9999999
## 38351	4	0.9999999
## 38352	3	0.9999999
## 38353	3	0.9999999
## 38354	2	0.9999999
## 38355	3	0.9999999
## 38356	4	0.9999999
## 38357	0	0.9999999
## 38358	2	0.9999999
## 38359	4	0.9999999
## 38360	4	0.9999999
## 38361	4	0.9999999
## 38362	3	0.9999999
## 38363	2	0.9999999
## 38364	1	0.9999999
## 38365	2	0.9999998
## 38366	4	0.9999999
## 38367	3	0.9999999
## 38368	2	0.9999999
## 38369	2	0.9999999

## 38370	3	0.9999999
## 38371	4	0.9999999
## 38372	4	0.9999999
## 38373	4	0.9999999
## 38374	1	0.9999999
## 38375	4	0.9999999
## 38376	2	0.9999999
## 38377	2	0.9999998
## 38378	3	0.9999999
## 38379	0	0.9999999
## 38380	3	0.9999999
## 38381	3	0.9999999
## 38382	0	0.9999999
## 38383	1	0.9999999
## 38384	2	0.9999999
## 38385	2	0.9999999
## 38386	1	0.9999999
## 38387	3	0.9999999
## 38388	4	0.9999998
## 38389	2	0.9999999
## 38390	3	0.9999999
## 38391	3	0.9999999
## 38392	3	0.9999999
## 38393	2	0.9999999
## 38394	3	0.9999999
## 38395	1	0.9999999
## 38396	2	0.9999999
## 38397	2	0.9999999
## 38398	2	0.9999999
## 38399	4	0.9999999
## 38400	4	0.9999999
## 38401	2	0.9999999
## 38402	2	0.9999999
## 38403	2	0.9999999
## 38404	2	0.9999999
## 38405	3	0.9999999
## 38406	2	0.9999999
## 38407	4	0.9999999
## 38408	2	0.9999999
## 38409	1	0.9999998
## 38410	4	0.9999998
## 38411	4	0.9999999
## 38412	2	0.9999999
## 38413	2	0.9999999
## 38414	4	0.9999998
## 38415	4	0.9999999
## 38416	2	0.9999999
## 38417	0	0.9999999
## 38418	1	0.9999998
## 38419	4	0.9999999
## 38420	2	0.9999999
## 38421	3	0.9999999
## 38422	3	0.9999999
## 38423	3	0.9999999

## 38424	1	0.9999999
## 38425	4	0.9999999
## 38426	2	0.9999999
## 38427	1	0.9999999
## 38428	2	0.9999999
## 38429	2	0.9999999
## 38430	4	0.9999999
## 38431	3	0.9999999
## 38432	4	0.9999999
## 38433	2	0.9999999
## 38434	2	0.9999999
## 38435	1	0.9999999
## 38436	2	0.9999999
## 38437	4	0.9999999
## 38438	0	0.9999999
## 38439	2	0.9999999
## 38440	4	0.9999999
## 38441	2	0.9999999
## 38442	0	0.9999999
## 38443	2	0.9999999
## 38444	2	0.9999998
## 38445	4	0.9999999
## 38446	0	0.9999999
## 38447	3	0.9999999
## 38448	2	0.9999999
## 38449	4	0.9999999
## 38450	2	0.9999999
## 38451	4	0.9999999
## 38452	4	0.9999999
## 38453	2	0.9999999
## 38454	3	0.9999999
## 38455	1	0.9999998
## 38456	4	0.9999999
## 38457	2	0.9999999
## 38458	2	0.9999999
## 38459	3	0.9999999
## 38460	2	0.9999999
## 38461	2	0.9999999
## 38462	2	0.9999999
## 38463	0	0.9999999
## 38464	4	0.9999999
## 38465	4	0.9999999
## 38466	3	0.9999999
## 38467	2	0.9999999
## 38468	2	0.9999999
## 38469	3	0.9999999
## 38470	2	0.9999999
## 38471	3	0.9999999
## 38472	4	0.9999999
## 38473	2	0.9999999
## 38474	2	0.9999999
## 38475	2	0.9999999
## 38476	4	0.9999999
## 38477	2	0.9999999

## 38478	3	0.9999999
## 38479	2	0.9999999
## 38480	3	0.9999999
## 38481	4	0.9999999
## 38482	3	0.9999999
## 38483	2	0.9999999
## 38484	2	0.9999999
## 38485	2	0.9999999
## 38486	3	0.9999999
## 38487	2	0.9999999
## 38488	2	0.9999999
## 38489	2	0.9999999
## 38490	2	0.9999999
## 38491	4	0.9999999
## 38492	2	0.9999999
## 38493	3	0.9999999
## 38494	4	0.9999999
## 38495	2	0.9999999
## 38496	2	0.9999999
## 38497	2	0.9999998
## 38498	2	0.9999999
## 38499	1	0.9999998
## 38500	2	0.9999999
## 38501	4	0.9999999
## 38502	2	0.9999999
## 38503	3	0.9999999
## 38504	2	0.9999999
## 38505	2	0.9999999
## 38506	2	0.9999999
## 38507	1	0.9999998
## 38508	2	0.9999999
## 38509	4	0.9999999
## 38510	1	0.9999999
## 38511	1	0.9999999
## 38512	3	0.9999999
## 38513	2	0.9999999
## 38514	4	0.9999999
## 38515	2	0.9999999
## 38516	4	0.9999999
## 38517	1	0.9999999
## 38518	3	0.9999999
## 38519	3	0.9999999
## 38520	1	0.9999999
## 38521	2	0.9999999
## 38522	3	0.9999999
## 38523	3	0.9999999
## 38524	2	0.9999999
## 38525	3	0.9999999
## 38526	2	0.9999999
## 38527	4	0.9999999
## 38528	4	0.9999999
## 38529	2	0.9999999
## 38530	4	0.9999999
## 38531	2	0.9999999

## 38532	3	0.9999999
## 38533	3	0.9999999
## 38534	3	0.9999999
## 38535	4	0.9999999
## 38536	2	0.9999998
## 38537	3	0.9999999
## 38538	2	0.9999999
## 38539	3	0.9999999
## 38540	2	0.9999999
## 38541	3	0.9999998
## 38542	2	0.9999999
## 38543	2	0.9999999
## 38544	2	0.9999998
## 38545	2	0.9999999
## 38546	1	0.9999999
## 38547	4	0.9999999
## 38548	2	0.9999999
## 38549	2	0.9999999
## 38550	2	0.9999999
## 38551	3	0.9999999
## 38552	2	0.9999999
## 38553	2	0.9999999
## 38554	3	0.9999999
## 38555	2	0.9999999
## 38556	4	0.9999999
## 38557	4	0.9999999
## 38558	0	0.9999999
## 38559	2	0.9999999
## 38560	1	0.9999999
## 38561	3	0.9999999
## 38562	0	0.9999999
## 38563	4	0.9999999
## 38564	2	0.9999999
## 38565	0	0.9999999
## 38566	2	0.9999999
## 38567	4	0.9999999
## 38568	2	0.9999999
## 38569	3	0.9999999
## 38570	2	0.9999999
## 38571	2	0.9999999
## 38572	4	0.9999998
## 38573	3	0.9999999
## 38574	4	0.9999999
## 38575	2	0.9999999
## 38576	2	0.9999999
## 38577	2	0.9999998
## 38578	2	0.9999999
## 38579	3	0.9999999
## 38580	2	0.9999999
## 38581	4	0.9999999
## 38582	1	0.9999999
## 38583	1	0.9999998
## 38584	1	0.9999999
## 38585	3	0.9999999

## 38586	3	0.9999999
## 38587	2	0.9999999
## 38588	4	0.9999999
## 38589	4	0.9999999
## 38590	2	0.9999999
## 38591	2	0.9999999
## 38592	4	0.9999999
## 38593	2	0.9999999
## 38594	3	0.9999999
## 38595	4	0.9999999
## 38596	3	0.9999999
## 38597	4	0.9999999
## 38598	2	0.9999999
## 38599	2	0.9999999
## 38600	2	0.9999999
## 38601	3	0.9999999
## 38602	2	0.9999999
## 38603	2	0.9999999
## 38604	2	0.9999999
## 38605	3	0.9999999
## 38606	3	0.9999999
## 38607	2	0.9999999
## 38608	3	0.9999999
## 38609	1	0.9999999
## 38610	2	0.9999999
## 38611	4	0.9999999
## 38612	2	0.9999999
## 38613	1	0.9999999
## 38614	2	0.9999999
## 38615	3	0.9999999
## 38616	1	0.9999999
## 38617	2	0.9999999
## 38618	2	0.9999999
## 38619	4	0.9999999
## 38620	0	0.9999999
## 38621	4	0.9999998
## 38622	3	0.9999999
## 38623	2	0.9999999
## 38624	3	0.9999999
## 38625	0	0.9999999
## 38626	3	0.9999999
## 38627	2	0.9999999
## 38628	1	0.9999999
## 38629	3	0.9999999
## 38630	2	0.9999999
## 38631	2	0.9999999
## 38632	0	0.9999999
## 38633	4	0.9999999
## 38634	4	0.9999999
## 38635	4	0.9999999
## 38636	3	0.9999999
## 38637	3	0.9999999
## 38638	2	0.9999999
## 38639	4	0.9999999

## 38640	4	0.9999999
## 38641	3	0.9999999
## 38642	3	0.9999998
## 38643	4	0.9999999
## 38644	2	0.9999999
## 38645	3	0.9999999
## 38646	2	0.9999999
## 38647	3	0.9999999
## 38648	1	0.9999999
## 38649	3	0.9999999
## 38650	2	0.9999999
## 38651	3	0.9999999
## 38652	1	0.9999999
## 38653	4	0.9999999
## 38654	2	0.9999999
## 38655	4	0.9999999
## 38656	2	0.9999999
## 38657	3	0.9999999
## 38658	2	0.9999999
## 38659	3	0.9999999
## 38660	3	0.9999999
## 38661	2	0.9999999
## 38662	2	0.9999999
## 38663	2	0.9999999
## 38664	1	0.9999999
## 38665	2	0.9999999
## 38666	2	0.9999999
## 38667	4	0.9999999
## 38668	4	0.9999999
## 38669	4	0.9999999
## 38670	2	0.9999999
## 38671	2	0.9999999
## 38672	3	0.9999999
## 38673	3	0.9999999
## 38674	4	0.9999999
## 38675	2	0.9999999
## 38676	2	0.9999998
## 38677	4	0.9999999
## 38678	1	0.9999999
## 38679	2	0.9999999
## 38680	3	0.9999999
## 38681	2	0.9999999
## 38682	3	0.9999999
## 38683	4	0.9999999
## 38684	1	0.9999998
## 38685	2	0.9999999
## 38686	2	0.9999999
## 38687	1	0.9999999
## 38688	4	0.9999999
## 38689	3	0.9999999
## 38690	1	0.9999999
## 38691	3	0.9999999
## 38692	3	0.9999999
## 38693	1	0.9999999

## 38694	4	0.9999999
## 38695	3	0.9999999
## 38696	2	0.9999999
## 38697	4	0.9999999
## 38698	3	0.9999999
## 38699	1	0.9999999
## 38700	2	0.9999999
## 38701	4	0.9999999
## 38702	1	0.9999999
## 38703	2	0.9999999
## 38704	2	0.9999999
## 38705	3	0.9999999
## 38706	2	0.9999999
## 38707	3	0.9999999
## 38708	4	0.9999999
## 38709	2	0.9999998
## 38710	2	0.9999999
## 38711	3	0.9999999
## 38712	4	0.9999999
## 38713	2	0.9999999
## 38714	1	0.9999999
## 38715	2	0.9999999
## 38716	3	0.9999999
## 38717	2	0.9999999
## 38718	3	0.9999999
## 38719	3	0.9999999
## 38720	3	0.9999999
## 38721	0	0.9999999
## 38722	4	0.9999999
## 38723	2	0.9999999
## 38724	3	0.9999999
## 38725	3	0.9999999
## 38726	2	0.9999999
## 38727	3	0.9999998
## 38728	3	0.9999999
## 38729	3	0.9999999
## 38730	4	0.9999999
## 38731	4	0.9999998
## 38732	2	0.9999999
## 38733	3	0.9999999
## 38734	2	0.9999999
## 38735	4	0.9999999
## 38736	2	0.9999999
## 38737	1	0.9999999
## 38738	1	0.9999999
## 38739	3	0.9999999
## 38740	4	0.9999999
## 38741	4	0.9999999
## 38742	2	0.9999999
## 38743	2	0.9999999
## 38744	3	0.9999999
## 38745	1	0.9999999
## 38746	4	0.9999999
## 38747	3	0.9999999

## 38748	2	0.9999999
## 38749	1	0.9999999
## 38750	4	0.9999999
## 38751	2	0.9999999
## 38752	3	0.9999999
## 38753	4	0.9999999
## 38754	2	0.9999999
## 38755	1	0.9999999
## 38756	2	0.9999998
## 38757	4	0.9999999
## 38758	2	0.9999999
## 38759	2	0.9999999
## 38760	3	0.9999999
## 38761	2	0.9999999
## 38762	4	0.9999999
## 38763	3	0.9999999
## 38764	3	0.9999999
## 38765	2	0.9999999
## 38766	1	0.9999999
## 38767	3	0.9999999
## 38768	3	0.9999999
## 38769	2	0.9999999
## 38770	1	0.9999999
## 38771	1	0.9999999
## 38772	4	0.9999999
## 38773	4	0.9999999
## 38774	3	0.9999999
## 38775	2	0.9999999
## 38776	1	0.9999999
## 38777	4	0.9999999
## 38778	3	0.9999999
## 38779	3	0.9999999
## 38780	2	0.9999999
## 38781	3	0.9999999
## 38782	0	0.9999999
## 38783	4	0.9999999
## 38784	2	0.9999999
## 38785	3	0.9999999
## 38786	3	0.9999999
## 38787	4	0.9999999
## 38788	3	0.9999999
## 38789	1	0.9999999
## 38790	1	0.9999999
## 38791	0	0.9999999
## 38792	1	0.9999998
## 38793	2	0.9999999
## 38794	2	0.9999999
## 38795	2	0.9999999
## 38796	2	0.9999999
## 38797	1	0.9999999
## 38798	2	0.9999998
## 38799	4	0.9999999
## 38800	2	0.9999999
## 38801	4	0.9999999

## 38802	2	0.9999998
## 38803	4	0.9999998
## 38804	2	0.9999999
## 38805	3	0.9999999
## 38806	2	0.9999999
## 38807	1	0.9999999
## 38808	1	0.9999999
## 38809	2	0.9999999
## 38810	4	0.9999999
## 38811	2	0.9999999
## 38812	2	0.9999999
## 38813	2	0.9999999
## 38814	0	0.9999999
## 38815	4	0.9999999
## 38816	2	0.9999999
## 38817	3	0.9999998
## 38818	2	0.9999999
## 38819	4	0.9999999
## 38820	3	0.9999999
## 38821	3	0.9999999
## 38822	3	0.9999998
## 38823	4	0.9999999
## 38824	3	0.9999999
## 38825	4	0.9999999
## 38826	3	0.9999999
## 38827	3	0.9999999
## 38828	2	0.9999999
## 38829	2	0.9999999
## 38830	3	0.9999999
## 38831	2	0.9999999
## 38832	3	0.9999999
## 38833	4	0.9999999
## 38834	2	0.9999998
## 38835	2	0.9999999
## 38836	2	0.9999999
## 38837	4	0.9999999
## 38838	3	0.9999999
## 38839	2	0.9999999
## 38840	3	0.9999999
## 38841	3	0.9999999
## 38842	4	0.9999999
## 38843	4	0.9999999
## 38844	2	0.9999999
## 38845	3	0.9999999
## 38846	4	0.9999999
## 38847	4	0.9999999
## 38848	2	0.9999999
## 38849	1	0.9999999
## 38850	4	0.9999999
## 38851	2	0.9999999
## 38852	4	0.9999999
## 38853	4	0.9999999
## 38854	4	0.9999999
## 38855	2	0.9999999

## 38856	2	0.9999999
## 38857	4	0.9999999
## 38858	4	0.9999999
## 38859	2	0.9999999
## 38860	1	0.9999999
## 38861	4	0.9999999
## 38862	1	0.9999999
## 38863	2	0.9999999
## 38864	2	0.9999999
## 38865	0	0.9999999
## 38866	1	0.9999999
## 38867	4	0.9999999
## 38868	2	0.9999999
## 38869	3	0.9999999
## 38870	3	0.9999999
## 38871	0	0.9999999
## 38872	3	0.9999999
## 38873	2	0.9999999
## 38874	3	0.9999999
## 38875	3	0.9999999
## 38876	2	0.9999999
## 38877	3	0.9999999
## 38878	2	0.9999999
## 38879	2	0.9999999
## 38880	2	0.9999999
## 38881	3	0.9999999
## 38882	2	0.9999999
## 38883	1	0.9999999
## 38884	4	0.9999999
## 38885	4	0.9999999
## 38886	3	0.9999999
## 38887	2	0.9999999
## 38888	4	0.9999999
## 38889	2	0.9999999
## 38890	4	0.9999999
## 38891	3	0.9999999
## 38892	2	0.9999999
## 38893	3	0.9999999
## 38894	1	0.9999999
## 38895	1	0.9999999
## 38896	2	0.9999999
## 38897	2	0.9999999
## 38898	4	0.9999999
## 38899	2	0.9999999
## 38900	2	0.9999999
## 38901	4	0.9999999
## 38902	4	0.9999999
## 38903	1	0.9999999
## 38904	1	0.9999999
## 38905	2	0.9999999
## 38906	1	0.9999999
## 38907	4	0.9999999
## 38908	3	0.9999999
## 38909	2	0.9999999

## 38910	2	0.9999999
## 38911	2	0.9999999
## 38912	2	0.9999999
## 38913	2	0.9999999
## 38914	2	0.9999999
## 38915	3	0.9999999
## 38916	3	0.9999998
## 38917	4	0.9999999
## 38918	0	0.9999999
## 38919	3	0.9999999
## 38920	2	0.9999999
## 38921	3	0.9999999
## 38922	4	0.9999998
## 38923	1	0.9999999
## 38924	2	0.9999999
## 38925	3	0.9999999
## 38926	4	0.9999999
## 38927	4	0.9999999
## 38928	2	0.9999999
## 38929	2	0.9999999
## 38930	2	0.9999999
## 38931	1	0.9999999
## 38932	2	0.9999999
## 38933	2	0.9999999
## 38934	4	0.9999998
## 38935	2	0.9999999
## 38936	2	0.9999999
## 38937	1	0.9999999
## 38938	1	0.9999999
## 38939	3	0.9999999
## 38940	2	0.9999999
## 38941	1	0.9999999
## 38942	2	0.9999999
## 38943	3	0.9999999
## 38944	4	0.9999999
## 38945	0	0.9999999
## 38946	0	0.9999999
## 38947	4	0.9999999
## 38948	2	0.9999999
## 38949	4	0.9999999
## 38950	3	0.9999999
## 38951	2	0.9999999
## 38952	4	0.9999999
## 38953	2	0.9999998
## 38954	4	0.9999999
## 38955	1	0.9999999
## 38956	1	0.9999999
## 38957	3	0.9999999
## 38958	2	0.9999998
## 38959	2	0.9999999
## 38960	3	0.9999999
## 38961	4	0.9999999
## 38962	3	0.9999999
## 38963	3	0.9999999

## 38964	2	0.9999999
## 38965	2	0.9999999
## 38966	2	0.9999999
## 38967	1	0.9999999
## 38968	3	0.9999999
## 38969	4	0.9999999
## 38970	3	0.9999999
## 38971	2	0.9999999
## 38972	3	0.9999998
## 38973	2	0.9999999
## 38974	3	0.9999999
## 38975	1	0.9999999
## 38976	4	0.9999999
## 38977	2	0.9999999
## 38978	3	0.9999999
## 38979	4	0.9999999
## 38980	4	0.9999999
## 38981	3	0.9999999
## 38982	2	0.9999999
## 38983	2	0.9999999
## 38984	2	0.9999999
## 38985	2	0.9999999
## 38986	2	0.9999999
## 38987	3	0.9999999
## 38988	3	0.9999999
## 38989	3	0.9999999
## 38990	1	0.9999999
## 38991	4	0.9999999
## 38992	2	0.9999999
## 38993	2	0.9999999
## 38994	0	0.9999999
## 38995	2	0.9999999
## 38996	3	0.9999999
## 38997	4	0.9999999
## 38998	2	0.9999999
## 38999	2	0.9999999
## 39000	4	0.9999999
## 39001	2	0.9999999
## 39002	1	0.9999999
## 39003	4	0.9999999
## 39004	4	0.9999999
## 39005	3	0.9999999
## 39006	3	0.9999999
## 39007	4	0.9999999
## 39008	2	0.9999999
## 39009	3	0.9999999
## 39010	3	0.9999999
## 39011	3	0.9999999
## 39012	2	0.9999999
## 39013	2	0.9999999
## 39014	4	0.9999999
## 39015	4	0.9999999
## 39016	0	0.9999999
## 39017	1	0.9999999

## 39018	1	0.9999999
## 39019	4	0.9999999
## 39020	2	0.9999999
## 39021	4	0.9999999
## 39022	3	0.9999999
## 39023	4	0.9999999
## 39024	4	0.9999999
## 39025	2	0.9999999
## 39026	1	0.9999999
## 39027	2	0.9999998
## 39028	2	0.9999999
## 39029	4	0.9999999
## 39030	3	0.9999999
## 39031	2	0.9999999
## 39032	1	0.9999999
## 39033	3	0.9999999
## 39034	3	0.9999998
## 39035	0	0.9999999
## 39036	2	0.9999999
## 39037	3	0.9999999
## 39038	3	0.9999999
## 39039	4	0.9999999
## 39040	2	0.9999999
## 39041	2	0.9999999
## 39042	1	0.9999999
## 39043	1	0.9999999
## 39044	2	0.9999999
## 39045	2	0.9999999
## 39046	3	0.9999999
## 39047	4	0.9999999
## 39048	3	0.9999999
## 39049	3	0.9999999
## 39050	0	0.9999999
## 39051	4	0.9999999
## 39052	3	0.9999999
## 39053	3	0.9999999
## 39054	3	0.9999999
## 39055	2	0.9999999
## 39056	2	0.9999999
## 39057	3	0.9999999
## 39058	4	0.9999999
## 39059	4	0.9999999
## 39060	3	0.9999999
## 39061	2	0.9999999
## 39062	2	0.9999999
## 39063	1	0.9999999
## 39064	3	0.9999999
## 39065	4	0.9999999
## 39066	2	0.9999999
## 39067	2	0.9999999
## 39068	2	0.9999999
## 39069	2	0.9999999
## 39070	3	0.9999999
## 39071	2	0.9999999

## 39072	4	0.9999999
## 39073	3	0.9999999
## 39074	2	0.9999999
## 39075	2	0.9999999
## 39076	4	0.9999999
## 39077	2	0.9999999
## 39078	2	0.9999999
## 39079	4	0.9999999
## 39080	4	0.9999999
## 39081	2	0.9999999
## 39082	2	0.9999999
## 39083	1	0.9999999
## 39084	3	0.9999999
## 39085	3	0.9999999
## 39086	2	0.9999999
## 39087	2	0.9999999
## 39088	2	0.9999999
## 39089	2	0.9999999
## 39090	1	0.9999999
## 39091	1	0.9999999
## 39092	2	0.9999999
## 39093	3	0.9999999
## 39094	2	0.9999999
## 39095	4	0.9999999
## 39096	4	0.9999999
## 39097	2	0.9999999
## 39098	1	0.9999999
## 39099	3	0.9999999
## 39100	3	0.9999999
## 39101	2	0.9999999
## 39102	1	0.9999999
## 39103	3	0.9999999
## 39104	2	0.9999999
## 39105	4	0.9999999
## 39106	3	0.9999999
## 39107	0	0.9999999
## 39108	4	0.9999999
## 39109	3	0.9999999
## 39110	1	0.9999999
## 39111	0	0.9999999
## 39112	3	0.9999999
## 39113	2	0.9999999
## 39114	1	0.9999999
## 39115	3	0.9999999
## 39116	3	0.9999999
## 39117	4	0.9999999
## 39118	4	0.9999999
## 39119	3	0.9999999
## 39120	2	0.9999999
## 39121	3	0.9999999
## 39122	3	0.9999999
## 39123	4	0.9999999
## 39124	2	0.9999999
## 39125	1	0.9999999

## 39126	3	0.9999999
## 39127	1	0.9999999
## 39128	2	0.9999999
## 39129	2	0.9999999
## 39130	2	0.9999999
## 39131	3	0.9999999
## 39132	3	0.9999999
## 39133	3	0.9999999
## 39134	2	0.9999999
## 39135	4	0.9999999
## 39136	3	0.9999999
## 39137	2	0.9999999
## 39138	2	0.9999999
## 39139	3	0.9999999
## 39140	2	0.9999999
## 39141	2	0.9999999
## 39142	1	0.9999999
## 39143	4	0.9999999
## 39144	1	0.9999999
## 39145	1	0.9999999
## 39146	2	0.9999999
## 39147	2	0.9999999
## 39148	4	0.9999999
## 39149	4	0.9999999
## 39150	2	0.9999999
## 39151	1	0.9999999
## 39152	1	0.9999999
## 39153	2	0.9999999
## 39154	4	0.9999999
## 39155	2	0.9999998
## 39156	2	0.9999999
## 39157	2	0.9999999
## 39158	4	0.9999999
## 39159	3	0.9999999
## 39160	3	0.9999999
## 39161	3	0.9999999
## 39162	0	0.9999999
## 39163	2	0.9999999
## 39164	1	0.9999999
## 39165	3	0.9999999
## 39166	4	0.9999999
## 39167	2	0.9999999
## 39168	2	0.9999999
## 39169	2	0.9999999
## 39170	1	0.9999999
## 39171	3	0.9999999
## 39172	1	0.9999999
## 39173	2	0.9999999
## 39174	2	0.9999999
## 39175	3	0.9999999
## 39176	2	0.9999999
## 39177	4	0.9999999
## 39178	4	0.9999999
## 39179	2	0.9999999

## 39180	3	0.9999999
## 39181	3	0.9999998
## 39182	3	0.9999999
## 39183	2	0.9999999
## 39184	0	0.9999999
## 39185	2	0.9999999
## 39186	4	0.9999999
## 39187	2	0.9999998
## 39188	2	0.9999999
## 39189	3	0.9999999
## 39190	2	0.9999999
## 39191	2	0.9999999
## 39192	3	0.9999999
## 39193	3	0.9999999
## 39194	2	0.9999999
## 39195	4	0.9999999
## 39196	2	0.9999999
## 39197	4	0.9999999
## 39198	3	0.9999999
## 39199	2	0.9999998
## 39200	4	0.9999999
## 39201	3	0.9999999
## 39202	2	0.9999999
## 39203	2	0.9999999
## 39204	3	0.9999999
## 39205	2	0.9999999
## 39206	2	0.9999999
## 39207	4	0.9999999
## 39208	2	0.9999999
## 39209	2	0.9999999
## 39210	3	0.9999999
## 39211	3	0.9999999
## 39212	4	0.9999999
## 39213	3	0.9999999
## 39214	3	0.9999999
## 39215	3	0.9999999
## 39216	2	0.9999999
## 39217	2	0.9999999
## 39218	1	0.9999998
## 39219	2	0.9999999
## 39220	2	0.9999999
## 39221	1	0.9999999
## 39222	2	0.9999999
## 39223	2	0.9999999
## 39224	1	0.9999999
## 39225	3	0.9999999
## 39226	1	0.9999999
## 39227	2	0.9999999
## 39228	4	0.9999999
## 39229	2	0.9999999
## 39230	4	0.9999999
## 39231	4	0.9999999
## 39232	3	0.9999999
## 39233	1	0.9999999

## 39234	2	0.9999999
## 39235	4	0.9999998
## 39236	2	0.9999999
## 39237	2	0.9999999
## 39238	3	0.9999999
## 39239	4	0.9999999
## 39240	4	0.9999999
## 39241	4	0.9999999
## 39242	4	0.9999999
## 39243	2	0.9999999
## 39244	2	0.9999999
## 39245	3	0.9999999
## 39246	4	0.9999998
## 39247	3	0.9999999
## 39248	4	0.9999999
## 39249	2	0.9999999
## 39250	2	0.9999999
## 39251	1	0.9999999
## 39252	2	0.9999999
## 39253	3	0.9999999
## 39254	4	0.9999999
## 39255	4	0.9999999
## 39256	2	0.9999999
## 39257	2	0.9999999
## 39258	4	0.9999998
## 39259	2	0.9999999
## 39260	3	0.9999999
## 39261	4	0.9999999
## 39262	2	0.9999999
## 39263	4	0.9999999
## 39264	2	0.9999999
## 39265	1	0.9999999
## 39266	4	0.9999999
## 39267	2	0.9999999
## 39268	4	0.9999999
## 39269	2	0.9999999
## 39270	4	0.9999999
## 39271	3	0.9999999
## 39272	2	0.9999999
## 39273	3	0.9999999
## 39274	2	0.9999999
## 39275	4	0.9999999
## 39276	4	0.9999999
## 39277	3	0.9999999
## 39278	4	0.9999999
## 39279	4	0.9999999
## 39280	4	0.9999999
## 39281	2	0.9999999
## 39282	2	0.9999999
## 39283	1	0.9999999
## 39284	4	0.9999999
## 39285	2	0.9999999
## 39286	2	0.9999999
## 39287	2	0.9999999

## 39288	2	0.9999999
## 39289	2	0.9999999
## 39290	2	0.9999999
## 39291	4	0.9999999
## 39292	4	0.9999998
## 39293	3	0.9999999
## 39294	3	0.9999999
## 39295	2	0.9999999
## 39296	2	0.9999999
## 39297	2	0.9999999
## 39298	2	0.9999999
## 39299	2	0.9999999
## 39300	2	0.9999998
## 39301	2	0.9999999
## 39302	2	0.9999998
## 39303	0	0.9999999
## 39304	2	0.9999998
## 39305	3	0.9999999
## 39306	0	0.9999999
## 39307	2	0.9999999
## 39308	2	0.9999999
## 39309	1	0.9999999
## 39310	2	0.9999999
## 39311	1	0.9999999
## 39312	3	0.9999999
## 39313	2	0.9999999
## 39314	3	0.9999999
## 39315	4	0.9999999
## 39316	4	0.9999999
## 39317	3	0.9999999
## 39318	2	0.9999999
## 39319	2	0.9999999
## 39320	4	0.9999999
## 39321	2	0.9999999
## 39322	1	0.9999999
## 39323	3	0.9999999
## 39324	4	0.9999999
## 39325	2	0.9999999
## 39326	2	0.9999999
## 39327	2	0.9999999
## 39328	2	0.9999999
## 39329	2	0.9999999
## 39330	4	0.9999999
## 39331	3	0.9999999
## 39332	4	0.9999999
## 39333	2	0.9999999
## 39334	1	0.9999999
## 39335	4	0.9999999
## 39336	3	0.9999999
## 39337	2	0.9999999
## 39338	2	0.9999999
## 39339	2	0.9999999
## 39340	4	0.9999999
## 39341	3	0.9999999

## 39342	2	0.9999999
## 39343	1	0.9999999
## 39344	3	0.9999999
## 39345	2	0.9999999
## 39346	2	0.9999999
## 39347	2	0.9999999
## 39348	4	0.9999999
## 39349	3	0.9999999
## 39350	1	0.9999999
## 39351	2	0.9999999
## 39352	2	0.9999999
## 39353	2	0.9999999
## 39354	2	0.9999999
## 39355	2	0.9999999
## 39356	3	0.9999999
## 39357	2	0.9999999
## 39358	2	0.9999998
## 39359	2	0.9999999
## 39360	2	0.9999999
## 39361	1	0.9999999
## 39362	3	0.9999999
## 39363	2	0.9999999
## 39364	2	0.9999999
## 39365	4	0.9999999
## 39366	3	0.9999999
## 39367	1	0.9999999
## 39368	2	0.9999999
## 39369	2	0.9999999
## 39370	1	0.9999999
## 39371	2	0.9999999
## 39372	3	0.9999999
## 39373	2	0.9999999
## 39374	3	0.9999999
## 39375	3	0.9999999
## 39376	1	0.9999999
## 39377	0	0.9999998
## 39378	0	0.9999999
## 39379	4	0.9999999
## 39380	3	0.9999999
## 39381	2	0.9999999
## 39382	3	0.9999999
## 39383	2	0.9999998
## 39384	2	0.9999999
## 39385	3	0.9999998
## 39386	4	0.9999999
## 39387	2	0.9999999
## 39388	2	0.9999999
## 39389	2	0.9999999
## 39390	4	0.9999999
## 39391	2	0.9999999
## 39392	3	0.9999999
## 39393	4	0.9999999
## 39394	3	0.9999999
## 39395	4	0.9999999

## 39396	1	0.9999999
## 39397	2	0.9999999
## 39398	3	0.9999999
## 39399	2	0.9999999
## 39400	3	0.9999999
## 39401	4	0.9999999
## 39402	3	0.9999999
## 39403	1	0.9999999
## 39404	3	0.9999999
## 39405	2	0.9999999
## 39406	3	0.9999998
## 39407	2	0.9999999
## 39408	4	0.9999999
## 39409	2	0.9999999
## 39410	1	0.9999999
## 39411	4	0.9999999
## 39412	3	0.9999999
## 39413	1	0.9999998
## 39414	2	0.9999999
## 39415	4	0.9999999
## 39416	2	0.9999999
## 39417	1	0.9999999
## 39418	2	0.9999999
## 39419	4	0.9999998
## 39420	3	0.9999999
## 39421	4	0.9999999
## 39422	2	0.9999999
## 39423	3	0.9999999
## 39424	4	0.9999999
## 39425	2	0.9999999
## 39426	1	0.9999999
## 39427	2	0.9999999
## 39428	3	0.9999999
## 39429	2	0.9999999
## 39430	2	0.9999999
## 39431	4	0.9999999
## 39432	2	0.9999999
## 39433	2	0.9999999
## 39434	4	0.9999999
## 39435	2	0.9999999
## 39436	3	0.9999999
## 39437	1	0.9999999
## 39438	2	0.9999999
## 39439	2	0.9999999
## 39440	1	0.9999999
## 39441	2	0.9999999
## 39442	2	0.9999999
## 39443	3	0.9999999
## 39444	3	0.9999999
## 39445	3	0.9999999
## 39446	2	0.9999999
## 39447	1	0.9999999
## 39448	3	0.9999999
## 39449	0	0.9999999

## 39450	2	0.9999999
## 39451	3	0.9999999
## 39452	4	0.9999999
## 39453	2	0.9999999
## 39454	4	0.9999999
## 39455	2	0.9999999
## 39456	2	0.9999999
## 39457	1	0.9999999
## 39458	3	0.9999999
## 39459	3	0.9999999
## 39460	3	0.9999999
## 39461	3	0.9999999
## 39462	3	0.9999999
## 39463	2	0.9999999
## 39464	3	0.9999999
## 39465	2	0.9999999
## 39466	4	0.9999999
## 39467	4	0.9999999
## 39468	3	0.9999999
## 39469	2	0.9999999
## 39470	2	0.9999999
## 39471	3	0.9999999
## 39472	3	0.9999999
## 39473	3	0.9999999
## 39474	3	0.9999999
## 39475	2	0.9999999
## 39476	2	0.9999999
## 39477	1	0.9999999
## 39478	3	0.9999999
## 39479	2	0.9999999
## 39480	2	0.9999999
## 39481	3	0.9999999
## 39482	4	0.9999999
## 39483	2	0.9999999
## 39484	4	0.9999999
## 39485	4	0.9999998
## 39486	2	0.9999998
## 39487	1	0.9999999
## 39488	2	0.9999999
## 39489	2	0.9999999
## 39490	3	0.9999999
## 39491	3	0.9999999
## 39492	2	0.9999999
## 39493	4	0.9999999
## 39494	3	0.9999999
## 39495	2	0.9999999
## 39496	3	0.9999999
## 39497	3	0.9999999
## 39498	2	0.9999999
## 39499	3	0.9999999
## 39500	4	0.9999999
## 39501	4	0.9999999
## 39502	3	0.9999999
## 39503	1	0.9999999

## 39504	2	0.9999999
## 39505	4	0.9999998
## 39506	3	0.9999999
## 39507	3	0.9999999
## 39508	2	0.9999999
## 39509	2	0.9999999
## 39510	2	0.9999999
## 39511	3	0.9999999
## 39512	2	0.9999999
## 39513	2	0.9999999
## 39514	3	0.9999999
## 39515	1	0.9999999
## 39516	1	0.9999999
## 39517	2	0.9999999
## 39518	2	0.9999999
## 39519	2	0.9999999
## 39520	1	0.9999999
## 39521	3	0.9999999
## 39522	2	0.9999999
## 39523	3	0.9999999
## 39524	2	0.9999999
## 39525	4	0.9999999
## 39526	2	0.9999999
## 39527	4	0.9999999
## 39528	1	0.9999999
## 39529	3	0.9999999
## 39530	2	0.9999999
## 39531	2	0.9999999
## 39532	4	0.9999999
## 39533	3	0.9999999
## 39534	3	0.9999999
## 39535	1	0.9999999
## 39536	3	0.9999999
## 39537	3	0.9999999
## 39538	2	0.9999998
## 39539	1	0.9999998
## 39540	2	0.9999999
## 39541	4	0.9999999
## 39542	4	0.9999999
## 39543	4	0.9999999
## 39544	3	0.9999999
## 39545	2	0.9999999
## 39546	2	0.9999999
## 39547	3	0.9999999
## 39548	3	0.9999999
## 39549	2	0.9999999
## 39550	2	0.9999999
## 39551	2	0.9999999
## 39552	3	0.9999999
## 39553	4	0.9999999
## 39554	3	0.9999999
## 39555	2	0.9999999
## 39556	2	0.9999999
## 39557	2	0.9999999

## 39558	4	0.9999999
## 39559	3	0.9999999
## 39560	4	0.9999999
## 39561	2	0.9999999
## 39562	2	0.9999999
## 39563	4	0.9999999
## 39564	2	0.9999999
## 39565	4	0.9999999
## 39566	2	0.9999999
## 39567	4	0.9999999
## 39568	3	0.9999999
## 39569	4	0.9999999
## 39570	2	0.9999999
## 39571	4	0.9999999
## 39572	2	0.9999999
## 39573	3	0.9999999
## 39574	0	0.9999999
## 39575	2	0.9999999
## 39576	3	0.9999999
## 39577	2	0.9999999
## 39578	4	0.9999999
## 39579	2	0.9999999
## 39580	2	0.9999999
## 39581	3	0.9999999
## 39582	2	0.9999999
## 39583	3	0.9999999
## 39584	3	0.9999999
## 39585	2	0.9999999
## 39586	2	0.9999999
## 39587	4	0.9999999
## 39588	2	0.9999999
## 39589	2	0.9999999
## 39590	4	0.9999999
## 39591	2	0.9999998
## 39592	2	0.9999999
## 39593	2	0.9999999
## 39594	4	0.9999999
## 39595	2	0.9999999
## 39596	2	0.9999999
## 39597	2	0.9999999
## 39598	2	0.9999999
## 39599	1	0.9999999
## 39600	4	0.9999999
## 39601	3	0.9999999
## 39602	3	0.9999999
## 39603	0	0.9999999
## 39604	2	0.9999999
## 39605	3	0.9999999
## 39606	3	0.9999999
## 39607	2	0.9999999
## 39608	2	0.9999999
## 39609	3	0.9999999
## 39610	4	0.9999999
## 39611	4	0.9999999

## 39612	2	0.9999998
## 39613	2	0.9999999
## 39614	2	0.9999999
## 39615	2	0.9999999
## 39616	1	0.9999999
## 39617	3	0.9999999
## 39618	2	0.9999998
## 39619	1	0.9999999
## 39620	4	0.9999999
## 39621	4	0.9999999
## 39622	3	0.9999999
## 39623	4	0.9999999
## 39624	2	0.9999999
## 39625	3	0.9999999
## 39626	4	0.9999999
## 39627	2	0.9999999
## 39628	4	0.9999999
## 39629	4	0.9999999
## 39630	4	0.9999999
## 39631	2	0.9999999
## 39632	3	0.9999999
## 39633	3	0.9999998
## 39634	2	0.9999999
## 39635	2	0.9999999
## 39636	3	0.9999999
## 39637	2	0.9999999
## 39638	2	0.9999999
## 39639	3	0.9999999
## 39640	1	0.9999999
## 39641	3	0.9999999
## 39642	2	0.9999999
## 39643	2	0.9999999
## 39644	2	0.9999999
## 39645	4	0.9999999
## 39646	2	0.9999999
## 39647	2	0.9999999
## 39648	4	0.9999999
## 39649	4	0.9999999
## 39650	4	0.9999999
## 39651	0	0.9999999
## 39652	2	0.9999999
## 39653	3	0.9999999
## 39654	3	0.9999999
## 39655	3	0.9999999
## 39656	3	0.9999999
## 39657	3	0.9999999
## 39658	2	0.9999999
## 39659	2	0.9999999
## 39660	4	0.9999999
## 39661	3	0.9999999
## 39662	2	0.9999999
## 39663	0	0.9999999
## 39664	2	0.9999999
## 39665	2	0.9999999

## 39666	2	0.9999999
## 39667	4	0.9999999
## 39668	3	0.9999999
## 39669	4	0.9999999
## 39670	4	0.9999999
## 39671	2	0.9999999
## 39672	2	0.9999999
## 39673	3	0.9999999
## 39674	3	0.9999999
## 39675	4	0.9999999
## 39676	2	0.9999999
## 39677	4	0.9999999
## 39678	3	0.9999999
## 39679	1	0.9999999
## 39680	2	0.9999999
## 39681	4	0.9999999
## 39682	2	0.9999999
## 39683	4	0.9999999
## 39684	4	0.9999999
## 39685	3	0.9999999
## 39686	2	0.9999999
## 39687	4	0.9999999
## 39688	3	0.9999999
## 39689	3	0.9999999
## 39690	1	0.9999999
## 39691	4	0.9999999
## 39692	3	0.9999999
## 39693	1	0.9999999
## 39694	3	0.9999999
## 39695	3	0.9999999
## 39696	4	0.9999999
## 39697	2	0.9999999
## 39698	2	0.9999999
## 39699	4	0.9999999
## 39700	4	0.9999999
## 39701	4	0.9999999
## 39702	2	0.9999999
## 39703	3	0.9999999
## 39704	2	0.9999999
## 39705	1	0.9999999
## 39706	4	0.9999999
## 39707	4	0.9999999
## 39708	4	0.9999999
## 39709	2	0.9999999
## 39710	2	0.9999999
## 39711	4	0.9999998
## 39712	2	0.9999999
## 39713	2	0.9999999
## 39714	2	0.9999999
## 39715	2	0.9999999
## 39716	2	0.9999999
## 39717	2	0.9999999
## 39718	3	0.9999999
## 39719	3	0.9999999

## 39720	2	0.9999999
## 39721	4	0.9999999
## 39722	2	0.9999999
## 39723	2	0.9999999
## 39724	2	0.9999998
## 39725	2	0.9999999
## 39726	2	0.9999999
## 39727	3	0.9999999
## 39728	2	0.9999999
## 39729	4	0.9999999
## 39730	4	0.9999999
## 39731	0	0.9999999
## 39732	4	0.9999999
## 39733	2	0.9999999
## 39734	2	0.9999999
## 39735	2	0.9999999
## 39736	2	0.9999999
## 39737	3	0.9999999
## 39738	2	0.9999999
## 39739	2	0.9999999
## 39740	3	0.9999999
## 39741	3	0.9999999
## 39742	2	0.9999999
## 39743	1	0.9999999
## 39744	4	0.9999999
## 39745	3	0.9999999
## 39746	3	0.9999999
## 39747	4	0.9999999
## 39748	4	0.9999999
## 39749	2	0.9999999
## 39750	1	0.9999999
## 39751	1	0.9999999
## 39752	3	0.9999999
## 39753	4	0.9999999
## 39754	4	0.9999999
## 39755	3	0.9999999
## 39756	2	0.9999999
## 39757	4	0.9999999
## 39758	4	0.9999999
## 39759	2	0.9999999
## 39760	2	0.9999999
## 39761	2	0.9999999
## 39762	2	0.9999999
## 39763	3	0.9999999
## 39764	0	0.9999999
## 39765	1	0.9999999
## 39766	2	0.9999999
## 39767	4	0.9999999
## 39768	1	0.9999999
## 39769	3	0.9999999
## 39770	2	0.9999999
## 39771	2	0.9999999
## 39772	2	0.9999999
## 39773	1	0.9999999

## 39774	4	0.9999999
## 39775	2	0.9999999
## 39776	2	0.9999999
## 39777	2	0.9999998
## 39778	2	0.9999999
## 39779	4	0.9999999
## 39780	3	0.9999999
## 39781	1	0.9999999
## 39782	2	0.9999999
## 39783	2	0.9999999
## 39784	3	0.9999999
## 39785	3	0.9999999
## 39786	3	0.9999999
## 39787	3	0.9999999
## 39788	3	0.9999999
## 39789	2	0.9999999
## 39790	2	0.9999999
## 39791	2	0.9999999
## 39792	4	0.9999999
## 39793	2	0.9999999
## 39794	2	0.9999999
## 39795	1	0.9999999
## 39796	2	0.9999999
## 39797	4	0.9999998
## 39798	2	0.9999999
## 39799	4	0.9999999
## 39800	2	0.9999999
## 39801	3	0.9999999
## 39802	2	0.9999999
## 39803	2	0.9999999
## 39804	2	0.9999999
## 39805	2	0.9999999
## 39806	4	0.9999999
## 39807	3	0.9999999
## 39808	1	0.9999999
## 39809	2	0.9999999
## 39810	1	0.9999999
## 39811	2	0.9999999
## 39812	4	0.9999999
## 39813	3	0.9999999
## 39814	3	0.9999999
## 39815	2	0.9999999
## 39816	3	0.9999999
## 39817	2	0.9999999
## 39818	0	0.9999999
## 39819	2	0.9999999
## 39820	3	0.9999999
## 39821	3	0.9999999
## 39822	2	0.9999998
## 39823	0	0.9999999
## 39824	1	0.9999999
## 39825	2	0.9999999
## 39826	2	0.9999999
## 39827	4	0.9999999

## 39828	3	0.9999999
## 39829	2	0.9999999
## 39830	3	0.9999998
## 39831	2	0.9999999
## 39832	3	0.9999998
## 39833	4	0.9999999
## 39834	2	0.9999999
## 39835	1	0.9999999
## 39836	4	0.9999999
## 39837	2	0.9999998
## 39838	2	0.9999999
## 39839	1	0.9999999
## 39840	2	0.9999999
## 39841	3	0.9999999
## 39842	1	0.9999999
## 39843	2	0.9999999
## 39844	2	0.9999999
## 39845	2	0.9999999
## 39846	0	0.9999999
## 39847	3	0.9999999
## 39848	3	0.9999999
## 39849	2	0.9999999
## 39850	3	0.9999999
## 39851	2	0.9999999
## 39852	4	0.9999999
## 39853	3	0.9999999
## 39854	2	0.9999999
## 39855	2	0.9999999
## 39856	4	0.9999999
## 39857	1	0.9999999
## 39858	3	0.9999999
## 39859	3	0.9999999
## 39860	2	0.9999999
## 39861	3	0.9999999
## 39862	2	0.9999999
## 39863	3	0.9999999
## 39864	3	0.9999999
## 39865	2	0.9999999
## 39866	4	0.9999999
## 39867	4	0.9999999
## 39868	3	0.9999999
## 39869	4	0.9999999
## 39870	2	0.9999999
## 39871	4	0.9999999
## 39872	2	0.9999999
## 39873	2	0.9999999
## 39874	3	0.9999999
## 39875	1	0.9999999
## 39876	3	0.9999999
## 39877	3	0.9999999
## 39878	3	0.9999999
## 39879	4	0.9999999
## 39880	2	0.9999999
## 39881	2	0.9999999

## 39882	2	0.9999999
## 39883	3	0.9999999
## 39884	4	0.9999999
## 39885	3	0.9999999
## 39886	1	0.9999999
## 39887	3	0.9999999
## 39888	3	0.9999999
## 39889	4	0.9999999
## 39890	4	0.9999998
## 39891	2	0.9999999
## 39892	2	0.9999999
## 39893	3	0.9999999
## 39894	1	0.9999999
## 39895	4	0.9999999
## 39896	2	0.9999999
## 39897	2	0.9999999
## 39898	4	0.9999999
## 39899	3	0.9999999
## 39900	3	0.9999999
## 39901	4	0.9999999
## 39902	4	0.9999999
## 39903	4	0.9999999
## 39904	1	0.9999999
## 39905	2	0.9999999
## 39906	3	0.9999999
## 39907	2	0.9999999
## 39908	2	0.9999999
## 39909	4	0.9999999
## 39910	2	0.9999999
## 39911	2	0.9999999
## 39912	4	0.9999999
## 39913	2	0.9999999
## 39914	2	0.9999999
## 39915	3	0.9999999
## 39916	4	0.9999999
## 39917	2	0.9999999
## 39918	3	0.9999999
## 39919	4	0.9999999
## 39920	1	0.9999998
## 39921	1	0.9999999
## 39922	2	0.9999999
## 39923	4	0.9999999
## 39924	2	0.9999999
## 39925	3	0.9999999
## 39926	3	0.9999999
## 39927	4	0.9999999
## 39928	2	0.9999999
## 39929	2	0.9999999
## 39930	1	0.9999999
## 39931	4	0.9999999
## 39932	3	0.9999999
## 39933	3	0.9999999
## 39934	2	0.9999999
## 39935	2	0.9999999

## 39936	2	0.9999999
## 39937	2	0.9999999
## 39938	3	0.9999999
## 39939	2	0.9999999
## 39940	2	0.9999999
## 39941	4	0.9999999
## 39942	2	0.9999999
## 39943	2	0.9999999
## 39944	2	0.9999999
## 39945	2	0.9999999
## 39946	3	0.9999999
## 39947	3	0.9999999
## 39948	1	0.9999999
## 39949	4	0.9999999
## 39950	2	0.9999999
## 39951	2	0.9999999
## 39952	2	0.9999999
## 39953	2	0.9999999
## 39954	4	0.9999999
## 39955	0	0.9999999
## 39956	0	0.9999998
## 39957	0	0.9999999
## 39958	3	0.9999999
## 39959	2	0.9999999
## 39960	3	0.9999998
## 39961	3	0.9999999
## 39962	4	0.9999999
## 39963	2	0.9999999
## 39964	4	0.9999999
## 39965	3	0.9999999
## 39966	1	0.9999999
## 39967	3	0.9999998
## 39968	3	0.9999999
## 39969	3	0.9999999
## 39970	4	0.9999999
## 39971	2	0.9999999
## 39972	4	0.9999999
## 39973	3	0.9999998
## 39974	2	0.9999999
## 39975	4	0.9999999
## 39976	3	0.9999999
## 39977	2	0.9999999
## 39978	2	0.9999998
## 39979	2	0.9999999
## 39980	2	0.9999999
## 39981	3	0.9999999
## 39982	3	0.9999998
## 39983	4	0.9999999
## 39984	4	0.9999999
## 39985	4	0.9999999
## 39986	3	0.9999999
## 39987	4	0.9999999
## 39988	4	0.9999999
## 39989	2	0.9999999

## 39990	4	0.9999999
## 39991	4	0.9999999
## 39992	4	0.9999999
## 39993	2	0.9999999
## 39994	2	0.9999999
## 39995	2	0.9999999
## 39996	2	0.9999999
## 39997	4	0.9999999
## 39998	2	0.9999999
## 39999	2	0.9999999
## 40000	2	0.9999999
## 40001	4	0.9999999
## 40002	2	0.9999999
## 40003	2	0.9999999
## 40004	2	0.9999998
## 40005	2	0.9999999
## 40006	2	0.9999999
## 40007	2	0.9999999
## 40008	2	0.9999999
## 40009	4	0.9999999
## 40010	3	0.9999999
## 40011	3	0.9999999
## 40012	3	0.9999999
## 40013	3	0.9999999
## 40014	2	0.9999999
## 40015	2	0.9999999
## 40016	3	0.9999999
## 40017	2	0.9999999
## 40018	4	0.9999999
## 40019	2	0.9999999
## 40020	2	0.9999999
## 40021	0	0.9999999
## 40022	2	0.9999999
## 40023	2	0.9999999
## 40024	3	0.9999999
## 40025	1	0.9999999
## 40026	2	0.9999999
## 40027	3	0.9999999
## 40028	2	0.9999999
## 40029	2	0.9999999
## 40030	4	0.9999999
## 40031	3	0.9999999
## 40032	2	0.9999999
## 40033	4	0.9999999
## 40034	4	0.9999999
## 40035	0	0.9999999
## 40036	3	0.9999999
## 40037	4	0.9999999
## 40038	4	0.9999999
## 40039	2	0.9999999
## 40040	2	0.9999999
## 40041	3	0.9999999
## 40042	2	0.9999999
## 40043	3	0.9999999

## 40044	2	0.9999999
## 40045	4	0.9999999
## 40046	2	0.9999999
## 40047	2	0.9999999
## 40048	2	0.9999999
## 40049	3	0.9999999
## 40050	4	0.9999999
## 40051	2	0.9999999
## 40052	2	0.9999999
## 40053	0	0.9999999
## 40054	3	0.9999999
## 40055	2	0.9999998
## 40056	4	0.9999999
## 40057	2	0.9999999
## 40058	1	0.9999999
## 40059	3	0.9999999
## 40060	4	0.9999999
## 40061	2	0.9999999
## 40062	4	0.9999999
## 40063	1	0.9999999
## 40064	3	0.9999999
## 40065	0	0.9999999
## 40066	1	0.9999999
## 40067	2	0.9999999
## 40068	2	0.9999999
## 40069	2	0.9999999
## 40070	3	0.9999999
## 40071	4	0.9999999
## 40072	2	0.9999999
## 40073	2	0.9999999
## 40074	3	0.9999999
## 40075	3	0.9999999
## 40076	2	0.9999999
## 40077	1	0.9999999
## 40078	3	0.9999999
## 40079	2	0.9999999
## 40080	2	0.9999999
## 40081	2	0.9999999
## 40082	2	0.9999999
## 40083	4	0.9999999
## 40084	2	0.9999999
## 40085	2	0.9999998
## 40086	3	0.9999999
## 40087	2	0.9999999
## 40088	2	0.9999999
## 40089	2	0.9999999
## 40090	4	0.9999999
## 40091	2	0.9999999
## 40092	3	0.9999999
## 40093	4	0.9999999
## 40094	0	0.9999999
## 40095	1	0.9999999
## 40096	2	0.9999999
## 40097	4	0.9999999

## 40098	3	0.9999999
## 40099	2	0.9999999
## 40100	2	0.9999999
## 40101	2	0.9999999
## 40102	0	0.9999999
## 40103	3	0.9999999
## 40104	4	0.9999999
## 40105	4	0.9999999
## 40106	2	0.9999999
## 40107	3	0.9999998
## 40108	2	0.9999999
## 40109	3	0.9999998
## 40110	4	0.9999999
## 40111	2	0.9999999
## 40112	4	0.9999999
## 40113	2	0.9999999
## 40114	2	0.9999999
## 40115	3	0.9999999
## 40116	2	0.9999999
## 40117	3	0.9999999
## 40118	4	0.9999999
## 40119	2	0.9999999
## 40120	3	0.9999999
## 40121	2	0.9999999
## 40122	4	0.9999999
## 40123	2	0.9999999
## 40124	2	0.9999999
## 40125	4	0.9999999
## 40126	0	0.9999999
## 40127	4	0.9999999
## 40128	1	0.9999999
## 40129	2	0.9999999
## 40130	2	0.9999999
## 40131	4	0.9999999
## 40132	3	0.9999999
## 40133	3	0.9999999
## 40134	4	0.9999998
## 40135	2	0.9999999
## 40136	2	0.9999999
## 40137	3	0.9999999
## 40138	3	0.9999999
## 40139	3	0.9999999
## 40140	0	0.9999999
## 40141	2	0.9999999
## 40142	1	0.9999999
## 40143	3	0.9999999
## 40144	2	0.9999999
## 40145	3	0.9999999
## 40146	2	0.9999999
## 40147	4	0.9999999
## 40148	3	0.9999999
## 40149	1	0.9999999
## 40150	3	0.9999999
## 40151	0	0.9999999

## 40152	2	0.9999999
## 40153	2	0.9999998
## 40154	4	0.9999999
## 40155	2	0.9999999
## 40156	4	0.9999999
## 40157	3	0.9999999
## 40158	2	0.9999999
## 40159	3	0.9999999
## 40160	3	0.9999999
## 40161	2	0.9999998
## 40162	3	0.9999999
## 40163	2	0.9999999
## 40164	3	0.9999999
## 40165	2	0.9999999
## 40166	4	0.9999999
## 40167	2	0.9999999
## 40168	4	0.9999999
## 40169	2	0.9999999
## 40170	4	0.9999999
## 40171	2	0.9999999
## 40172	2	0.9999999
## 40173	0	0.9999998
## 40174	4	0.9999999
## 40175	2	0.9999999
## 40176	4	0.9999999
## 40177	3	0.9999999
## 40178	3	0.9999999
## 40179	4	0.9999999
## 40180	3	0.9999999
## 40181	2	0.9999999
## 40182	2	0.9999999
## 40183	3	0.9999999
## 40184	2	0.9999999
## 40185	3	0.9999999
## 40186	3	0.9999999
## 40187	4	0.9999999
## 40188	3	0.9999999
## 40189	2	0.9999999
## 40190	3	0.9999999
## 40191	4	0.9999999
## 40192	4	0.9999999
## 40193	4	0.9999999
## 40194	4	0.9999999
## 40195	2	0.9999999
## 40196	4	0.9999999
## 40197	4	0.9999999
## 40198	2	0.9999999
## 40199	4	0.9999999
## 40200	4	0.9999999
## 40201	2	0.9999999
## 40202	3	0.9999999
## 40203	3	0.9999999
## 40204	4	0.9999999
## 40205	4	0.9999999

## 40206	4	0.9999999
## 40207	4	0.9999999
## 40208	2	0.9999999
## 40209	0	0.9999999
## 40210	2	0.9999999
## 40211	3	0.9999999
## 40212	2	0.9999999
## 40213	2	0.9999999
## 40214	4	0.9999999
## 40215	1	0.9999998
## 40216	1	0.9999999
## 40217	2	0.9999999
## 40218	4	0.9999999
## 40219	2	0.9999999
## 40220	2	0.9999999
## 40221	1	0.9999999
## 40222	4	0.9999999
## 40223	2	0.9999999
## 40224	4	0.9999999
## 40225	2	0.9999999
## 40226	4	0.9999999
## 40227	4	0.9999999
## 40228	2	0.9999999
## 40229	1	0.9999999
## 40230	3	0.9999999
## 40231	4	0.9999999
## 40232	2	0.9999999
## 40233	4	0.9999999
## 40234	3	0.9999999
## 40235	2	0.9999999
## 40236	3	0.9999999
## 40237	3	0.9999999
## 40238	1	0.9999999
## 40239	3	0.9999999
## 40240	2	0.9999999
## 40241	4	0.9999999
## 40242	1	0.9999999
## 40243	3	0.9999999
## 40244	2	0.9999999
## 40245	2	0.9999999
## 40246	2	0.9999999
## 40247	2	0.9999999
## 40248	2	0.9999999
## 40249	1	0.9999999
## 40250	4	0.9999999
## 40251	4	0.9999999
## 40252	3	0.9999999
## 40253	3	0.9999999
## 40254	3	0.9999999
## 40255	4	0.9999999
## 40256	4	0.9999999
## 40257	2	0.9999999
## 40258	2	0.9999999
## 40259	3	0.9999998

## 40260	2	0.9999999
## 40261	3	0.9999999
## 40262	2	0.9999999
## 40263	2	0.9999999
## 40264	4	0.9999999
## 40265	2	0.9999999
## 40266	1	0.9999999
## 40267	2	0.9999999
## 40268	2	0.9999999
## 40269	2	0.9999999
## 40270	3	0.9999999
## 40271	3	0.9999999
## 40272	4	0.9999999
## 40273	2	0.9999998
## 40274	2	0.9999999
## 40275	2	0.9999999
## 40276	2	0.9999999
## 40277	3	0.9999999
## 40278	2	0.9999999
## 40279	4	0.9999998
## 40280	3	0.9999999
## 40281	4	0.9999998
## 40282	4	0.9999998
## 40283	2	0.9999999
## 40284	3	0.9999999
## 40285	2	0.9999999
## 40286	2	0.9999999
## 40287	4	0.9999999
## 40288	2	0.9999999
## 40289	2	0.9999999
## 40290	2	0.9999999
## 40291	4	0.9999999
## 40292	4	0.9999999
## 40293	3	0.9999999
## 40294	1	0.9999999
## 40295	4	0.9999999
## 40296	1	0.9999999
## 40297	4	0.9999999
## 40298	2	0.9999999
## 40299	1	0.9999999
## 40300	2	0.9999999
## 40301	4	0.9999999
## 40302	3	0.9999999
## 40303	0	0.9999999
## 40304	3	0.9999999
## 40305	2	0.9999999
## 40306	1	0.9999999
## 40307	1	0.9999999
## 40308	4	0.9999999
## 40309	3	0.9999999
## 40310	2	0.9999999
## 40311	2	0.9999999
## 40312	2	0.9999999
## 40313	2	0.9999999

## 40314	2	0.9999999
## 40315	0	0.9999999
## 40316	3	0.9999998
## 40317	3	0.9999999
## 40318	1	0.9999999
## 40319	2	0.9999999
## 40320	4	0.9999999
## 40321	2	0.9999998
## 40322	2	0.9999999
## 40323	4	0.9999999
## 40324	0	0.9999999
## 40325	2	0.9999999
## 40326	2	0.9999999
## 40327	4	0.9999999
## 40328	3	0.9999999
## 40329	4	0.9999999
## 40330	4	0.9999999
## 40331	3	0.9999999
## 40332	3	0.9999999
## 40333	4	0.9999998
## 40334	2	0.9999999
## 40335	3	0.9999999
## 40336	4	0.9999999
## 40337	2	0.9999999
## 40338	4	0.9999999
## 40339	3	0.9999999
## 40340	2	0.9999999
## 40341	2	0.9999999
## 40342	2	0.9999999
## 40343	2	0.9999999
## 40344	2	0.9999999
## 40345	2	0.9999999
## 40346	4	0.9999999
## 40347	1	0.9999999
## 40348	2	0.9999999
## 40349	4	0.9999999
## 40350	3	0.9999999
## 40351	2	0.9999999
## 40352	4	0.9999999
## 40353	4	0.9999999
## 40354	2	0.9999999
## 40355	2	0.9999999
## 40356	2	0.9999999
## 40357	2	0.9999999
## 40358	2	0.9999999
## 40359	4	0.9999999
## 40360	1	0.9999999
## 40361	2	0.9999999
## 40362	2	0.9999999
## 40363	2	0.9999999
## 40364	2	0.9999999
## 40365	1	0.9999999
## 40366	2	0.9999999
## 40367	4	0.9999999

## 40368	2	0.9999999
## 40369	2	0.9999999
## 40370	4	0.9999999
## 40371	3	0.9999999
## 40372	2	0.9999999
## 40373	1	0.9999999
## 40374	4	0.9999999
## 40375	3	0.9999999
## 40376	0	0.9999999
## 40377	1	0.9999998
## 40378	2	0.9999999
## 40379	4	0.9999999
## 40380	1	0.9999999
## 40381	3	0.9999999
## 40382	1	0.9999999
## 40383	0	0.9999999
## 40384	4	0.9999999
## 40385	1	0.9999999
## 40386	2	0.9999999
## 40387	0	0.9999999
## 40388	2	0.9999999
## 40389	3	0.9999999
## 40390	1	0.9999999
## 40391	4	0.9999999
## 40392	3	0.9999999
## 40393	1	0.9999999
## 40394	3	0.9999999
## 40395	3	0.9999999
## 40396	1	0.9999999
## 40397	2	0.9999999
## 40398	3	0.9999999
## 40399	2	0.9999999
## 40400	4	0.9999999
## 40401	3	0.9999999
## 40402	2	0.9999999
## 40403	1	0.9999999
## 40404	0	0.9999999
## 40405	4	0.9999999
## 40406	4	0.9999999
## 40407	4	0.9999999
## 40408	2	0.9999999
## 40409	1	0.9999999
## 40410	4	0.9999999
## 40411	2	0.9999999
## 40412	3	0.9999999
## 40413	3	0.9999999
## 40414	4	0.9999999
## 40415	2	0.9999999
## 40416	2	0.9999999
## 40417	4	0.9999999
## 40418	4	0.9999999
## 40419	1	0.9999999
## 40420	3	0.9999999
## 40421	2	0.9999999

## 40422	3	0.9999999
## 40423	2	0.9999999
## 40424	2	0.9999999
## 40425	4	0.9999999
## 40426	2	0.9999998
## 40427	3	0.9999998
## 40428	2	0.9999999
## 40429	2	0.9999999
## 40430	2	0.9999999
## 40431	3	0.9999999
## 40432	4	0.9999999
## 40433	2	0.9999999
## 40434	3	0.9999999
## 40435	4	0.9999999
## 40436	2	0.9999999
## 40437	2	0.9999999
## 40438	2	0.9999999
## 40439	3	0.9999999
## 40440	2	0.9999999
## 40441	4	0.9999999
## 40442	2	0.9999999
## 40443	3	0.9999999
## 40444	4	0.9999998
## 40445	2	0.9999999
## 40446	2	0.9999999
## 40447	3	0.9999999
## 40448	2	0.9999999
## 40449	1	0.9999999
## 40450	4	0.9999999
## 40451	4	0.9999999
## 40452	2	0.9999999
## 40453	2	0.9999999
## 40454	1	0.9999999
## 40455	3	0.9999999
## 40456	2	0.9999999
## 40457	2	0.9999998
## 40458	4	0.9999999
## 40459	4	0.9999999
## 40460	3	0.9999999
## 40461	4	0.9999999
## 40462	2	0.9999999
## 40463	2	0.9999999
## 40464	3	0.9999999
## 40465	1	0.9999999
## 40466	1	0.9999999
## 40467	2	0.9999999
## 40468	2	0.9999998
## 40469	2	0.9999999
## 40470	3	0.9999999
## 40471	4	0.9999998
## 40472	3	0.9999999
## 40473	4	0.9999999
## 40474	2	0.9999999
## 40475	0	0.9999999

## 40476	3	0.9999998
## 40477	2	0.9999999
## 40478	4	0.9999999
## 40479	3	0.9999999
## 40480	3	0.9999999
## 40481	4	0.9999999
## 40482	3	0.9999999
## 40483	4	0.9999999
## 40484	2	0.9999999
## 40485	2	0.9999999
## 40486	3	0.9999999
## 40487	4	0.9999999
## 40488	2	0.9999999
## 40489	3	0.9999999
## 40490	3	0.9999999
## 40491	2	0.9999999
## 40492	4	0.9999999
## 40493	2	0.9999999
## 40494	2	0.9999999
## 40495	3	0.9999999
## 40496	0	0.9999998
## 40497	3	0.9999999
## 40498	2	0.9999999
## 40499	3	0.9999999
## 40500	2	0.9999999
## 40501	2	0.9999999
## 40502	2	0.9999999
## 40503	2	0.9999999
## 40504	4	0.9999999
## 40505	4	0.9999999
## 40506	2	0.9999999
## 40507	4	0.9999999
## 40508	2	0.9999999
## 40509	2	0.9999999
## 40510	2	0.9999999
## 40511	4	0.9999999
## 40512	0	0.9999999
## 40513	3	0.9999999
## 40514	4	0.9999999
## 40515	2	0.9999999
## 40516	4	0.9999999
## 40517	3	0.9999999
## 40518	2	0.9999999
## 40519	4	0.9999999
## 40520	3	0.9999999
## 40521	3	0.9999999
## 40522	2	0.9999999
## 40523	0	0.9999999
## 40524	3	0.9999999
## 40525	3	0.9999999
## 40526	2	0.9999998
## 40527	4	0.9999999
## 40528	1	0.9999999
## 40529	2	0.9999999

## 40530	2	0.9999999
## 40531	4	0.9999999
## 40532	2	0.9999999
## 40533	0	0.9999999
## 40534	2	0.9999999
## 40535	2	0.9999999
## 40536	2	0.9999999
## 40537	3	0.9999999
## 40538	2	0.9999999
## 40539	2	0.9999999
## 40540	2	0.9999999
## 40541	4	0.9999999
## 40542	2	0.9999999
## 40543	2	0.9999998
## 40544	2	0.9999999
## 40545	3	0.9999999
## 40546	4	0.9999999
## 40547	4	0.9999999
## 40548	4	0.9999999
## 40549	4	0.9999999
## 40550	1	0.9999999
## 40551	2	0.9999999
## 40552	0	0.9999999
## 40553	4	0.9999998
## 40554	3	0.9999999
## 40555	2	0.9999999
## 40556	2	0.9999999
## 40557	3	0.9999999
## 40558	2	0.9999999
## 40559	3	0.9999999
## 40560	3	0.9999999
## 40561	3	0.9999999
## 40562	4	0.9999999
## 40563	3	0.9999999
## 40564	3	0.9999998
## 40565	2	0.9999999
## 40566	2	0.9999999
## 40567	4	0.9999998
## 40568	2	0.9999999
## 40569	2	0.9999999
## 40570	1	0.9999999
## 40571	3	0.9999999
## 40572	3	0.9999999
## 40573	2	0.9999999
## 40574	3	0.9999999
## 40575	2	0.9999999
## 40576	3	0.9999999
## 40577	2	0.9999999
## 40578	4	0.9999999
## 40579	4	0.9999999
## 40580	2	0.9999998
## 40581	2	0.9999999
## 40582	3	0.9999999
## 40583	2	0.9999999

## 40584	3	0.9999999
## 40585	4	0.9999999
## 40586	3	0.9999999
## 40587	2	0.9999999
## 40588	4	0.9999999
## 40589	2	0.9999999
## 40590	2	0.9999999
## 40591	3	0.9999999
## 40592	2	0.9999999
## 40593	3	0.9999999
## 40594	2	0.9999999
## 40595	3	0.9999999
## 40596	2	0.9999999
## 40597	2	0.9999999
## 40598	2	0.9999999
## 40599	2	0.9999999
## 40600	2	0.9999999
## 40601	4	0.9999999
## 40602	2	0.9999999
## 40603	3	0.9999999
## 40604	3	0.9999999
## 40605	4	0.9999999
## 40606	3	0.9999999
## 40607	1	0.9999999
## 40608	4	0.9999999
## 40609	4	0.9999999
## 40610	2	0.9999999
## 40611	2	0.9999999
## 40612	2	0.9999999
## 40613	2	0.9999999
## 40614	2	0.9999999
## 40615	1	0.9999999
## 40616	3	0.9999999
## 40617	4	0.9999999
## 40618	2	0.9999999
## 40619	3	0.9999999
## 40620	2	0.9999999
## 40621	4	0.9999999
## 40622	4	0.9999998
## 40623	2	0.9999999
## 40624	4	0.9999999
## 40625	3	0.9999999
## 40626	3	0.9999999
## 40627	3	0.9999999
## 40628	1	0.9999999
## 40629	3	0.9999999
## 40630	2	0.9999999
## 40631	4	0.9999999
## 40632	0	0.9999999
## 40633	2	0.9999999
## 40634	2	0.9999999
## 40635	2	0.9999999
## 40636	4	0.9999999
## 40637	4	0.9999998

## 40638	2	0.9999999
## 40639	4	0.9999999
## 40640	3	0.9999999
## 40641	4	0.9999999
## 40642	4	0.9999999
## 40643	4	0.9999999
## 40644	2	0.9999999
## 40645	3	0.9999999
## 40646	2	0.9999999
## 40647	2	0.9999999
## 40648	4	0.9999999
## 40649	4	0.9999999
## 40650	4	0.9999999
## 40651	3	0.9999999
## 40652	1	0.9999999
## 40653	4	0.9999999
## 40654	3	0.9999999
## 40655	2	0.9999999
## 40656	2	0.9999999
## 40657	1	0.9999999
## 40658	2	0.9999999
## 40659	2	0.9999999
## 40660	4	0.9999999
## 40661	2	0.9999999
## 40662	2	0.9999999
## 40663	2	0.9999999
## 40664	3	0.9999999
## 40665	2	0.9999999
## 40666	0	0.9999999
## 40667	2	0.9999999
## 40668	4	0.9999999
## 40669	1	0.9999999
## 40670	0	0.9999999
## 40671	2	0.9999999
## 40672	2	0.9999999
## 40673	1	0.9999999
## 40674	1	0.9999999
## 40675	3	0.9999999
## 40676	2	0.9999999
## 40677	2	0.9999999
## 40678	2	0.9999999
## 40679	4	0.9999999
## 40680	4	0.9999999
## 40681	4	0.9999999
## 40682	1	0.9999999
## 40683	3	0.9999999
## 40684	1	0.9999999
## 40685	4	0.9999999
## 40686	1	0.9999999
## 40687	2	0.9999999
## 40688	4	0.9999999
## 40689	2	0.9999999
## 40690	2	0.9999999
## 40691	2	0.9999999

## 40692	2	0.9999998
## 40693	2	0.9999999
## 40694	2	0.9999999
## 40695	1	0.9999999
## 40696	3	0.9999999
## 40697	2	0.9999999
## 40698	1	0.9999999
## 40699	1	0.9999999
## 40700	3	0.9999999
## 40701	3	0.9999999
## 40702	2	0.9999998
## 40703	2	0.9999999
## 40704	2	0.9999999
## 40705	2	0.9999999
## 40706	4	0.9999999
## 40707	4	0.9999999
## 40708	2	0.9999999
## 40709	4	0.9999998
## 40710	2	0.9999999
## 40711	3	0.9999999
## 40712	3	0.9999999
## 40713	4	0.9999999
## 40714	3	0.9999999
## 40715	3	0.9999999
## 40716	3	0.9999999
## 40717	2	0.9999999
## 40718	4	0.9999999
## 40719	3	0.9999999
## 40720	2	0.9999999
## 40721	4	0.9999999
## 40722	3	0.9999999
## 40723	4	0.9999999
## 40724	1	0.9999999
## 40725	4	0.9999999
## 40726	4	0.9999999
## 40727	1	0.9999999
## 40728	1	0.9999999
## 40729	1	0.9999999
## 40730	4	0.9999999
## 40731	3	0.9999999
## 40732	1	0.9999999
## 40733	2	0.9999999
## 40734	2	0.9999999
## 40735	3	0.9999999
## 40736	3	0.9999999
## 40737	2	0.9999999
## 40738	3	0.9999999
## 40739	2	0.9999999
## 40740	2	0.9999999
## 40741	2	0.9999999
## 40742	2	0.9999999
## 40743	4	0.9999999
## 40744	2	0.9999999
## 40745	2	0.9999999

## 40746	3	0.9999999
## 40747	1	0.9999999
## 40748	2	0.9999999
## 40749	2	0.9999999
## 40750	2	0.9999999
## 40751	2	0.9999999
## 40752	3	0.9999999
## 40753	3	0.9999999
## 40754	2	0.9999999
## 40755	2	0.9999999
## 40756	2	0.9999999
## 40757	4	0.9999999
## 40758	1	0.9999999
## 40759	2	0.9999999
## 40760	4	0.9999999
## 40761	2	0.9999999
## 40762	3	0.9999999
## 40763	4	0.9999999
## 40764	2	0.9999999
## 40765	4	0.9999999
## 40766	2	0.9999999
## 40767	2	0.9999999
## 40768	2	0.9999999
## 40769	4	0.9999999
## 40770	3	0.9999999
## 40771	2	0.9999999
## 40772	2	0.9999999
## 40773	3	0.9999998
## 40774	2	0.9999999
## 40775	3	0.9999999
## 40776	2	0.9999999
## 40777	2	0.9999999
## 40778	3	0.9999999
## 40779	1	0.9999999
## 40780	3	0.9999999
## 40781	1	0.9999999
## 40782	2	0.9999999
## 40783	1	0.9999999
## 40784	4	0.9999999
## 40785	2	0.9999999
## 40786	3	0.9999999
## 40787	4	0.9999999
## 40788	3	0.9999999
## 40789	4	0.9999999
## 40790	2	0.9999999
## 40791	1	0.9999999
## 40792	3	0.9999999
## 40793	2	0.9999999
## 40794	2	0.9999999
## 40795	3	0.9999999
## 40796	2	0.9999999
## 40797	4	0.9999999
## 40798	4	0.9999998
## 40799	4	0.9999999

## 40800	4	0.9999999
## 40801	2	0.9999999
## 40802	4	0.9999999
## 40803	2	0.9999999
## 40804	2	0.9999999
## 40805	2	0.9999999
## 40806	4	0.9999999
## 40807	2	0.9999999
## 40808	2	0.9999999
## 40809	4	0.9999999
## 40810	3	0.9999999
## 40811	4	0.9999999
## 40812	2	0.9999999
## 40813	2	0.9999999
## 40814	2	0.9999999
## 40815	2	0.9999999
## 40816	4	0.9999999
## 40817	3	0.9999999
## 40818	1	0.9999999
## 40819	2	0.9999999
## 40820	2	0.9999999
## 40821	3	0.9999999
## 40822	3	0.9999999
## 40823	3	0.9999999
## 40824	4	0.9999999
## 40825	2	0.9999999
## 40826	2	0.9999999
## 40827	4	0.9999999
## 40828	2	0.9999999
## 40829	3	0.9999999
## 40830	4	0.9999999
## 40831	3	0.9999999
## 40832	4	0.9999999
## 40833	2	0.9999999
## 40834	4	0.9999999
## 40835	1	0.9999999
## 40836	1	0.9999999
## 40837	2	0.9999998
## 40838	2	0.9999999
## 40839	4	0.9999998
## 40840	4	0.9999999
## 40841	1	0.9999999
## 40842	2	0.9999999
## 40843	2	0.9999999
## 40844	2	0.9999999
## 40845	3	0.9999999
## 40846	2	0.9999999
## 40847	4	0.9999999
## 40848	3	0.9999999
## 40849	4	0.9999999
## 40850	2	0.9999999
## 40851	2	0.9999999
## 40852	4	0.9999999
## 40853	2	0.9999999

## 40854	4	0.9999999
## 40855	4	0.9999999
## 40856	2	0.9999999
## 40857	2	0.9999999
## 40858	4	0.9999999
## 40859	4	0.9999999
## 40860	3	0.9999999
## 40861	3	0.9999999
## 40862	2	0.9999999
## 40863	2	0.9999999
## 40864	4	0.9999999
## 40865	4	0.9999999
## 40866	2	0.9999999
## 40867	2	0.9999999
## 40868	4	0.9999999
## 40869	4	0.9999999
## 40870	2	0.9999999
## 40871	2	0.9999999
## 40872	2	0.9999999
## 40873	2	0.9999999
## 40874	2	0.9999999
## 40875	2	0.9999998
## 40876	3	0.9999999
## 40877	3	0.9999999
## 40878	2	0.9999999
## 40879	3	0.9999999
## 40880	3	0.9999999
## 40881	3	0.9999999
## 40882	3	0.9999999
## 40883	2	0.9999999
## 40884	2	0.9999999
## 40885	4	0.9999999
## 40886	2	0.9999999
## 40887	2	0.9999999
## 40888	3	0.9999999
## 40889	4	0.9999999
## 40890	1	0.9999999
## 40891	2	0.9999999
## 40892	4	0.9999999
## 40893	3	0.9999999
## 40894	2	0.9999999
## 40895	2	0.9999998
## 40896	2	0.9999999
## 40897	3	0.9999999
## 40898	4	0.9999999
## 40899	3	0.9999999
## 40900	4	0.9999999
## 40901	2	0.9999999
## 40902	2	0.9999999
## 40903	2	0.9999999
## 40904	3	0.9999998
## 40905	4	0.9999999
## 40906	3	0.9999999
## 40907	2	0.9999999

## 40908	3	0.9999999
## 40909	2	0.9999999
## 40910	2	0.9999998
## 40911	4	0.9999999
## 40912	3	0.9999999
## 40913	3	0.9999999
## 40914	4	0.9999999
## 40915	3	0.9999999
## 40916	2	0.9999999
## 40917	3	0.9999999
## 40918	2	0.9999998
## 40919	4	0.9999999
## 40920	4	0.9999999
## 40921	4	0.9999999
## 40922	3	0.9999999
## 40923	3	0.9999998
## 40924	2	0.9999999
## 40925	4	0.9999999
## 40926	4	0.9999998
## 40927	3	0.9999999
## 40928	2	0.9999999
## 40929	3	0.9999999
## 40930	2	0.9999999
## 40931	2	0.9999999
## 40932	4	0.9999999
## 40933	2	0.9999999
## 40934	2	0.9999999
## 40935	2	0.9999999
## 40936	4	0.9999999
## 40937	2	0.9999999
## 40938	3	0.9999999
## 40939	3	0.9999999
## 40940	3	0.9999999
## 40941	3	0.9999999
## 40942	4	0.9999999
## 40943	3	0.9999999
## 40944	2	0.9999999
## 40945	1	0.9999999
## 40946	4	0.9999999
## 40947	2	0.9999999
## 40948	4	0.9999999
## 40949	1	0.9999999
## 40950	1	0.9999999
## 40951	2	0.9999999
## 40952	2	0.9999999
## 40953	1	0.9999999
## 40954	4	0.9999999
## 40955	3	0.9999999
## 40956	2	0.9999999
## 40957	2	0.9999999
## 40958	2	0.9999999
## 40959	4	0.9999999
## 40960	3	0.9999999
## 40961	2	0.9999999

## 40962	2	0.9999999
## 40963	2	0.9999999
## 40964	3	0.9999999
## 40965	1	0.9999999
## 40966	1	0.9999999
## 40967	2	0.9999999
## 40968	4	0.9999999
## 40969	3	0.9999999
## 40970	4	0.9999999
## 40971	2	0.9999999
## 40972	2	0.9999999
## 40973	2	0.9999999
## 40974	2	0.9999999
## 40975	2	0.9999999
## 40976	3	0.9999999
## 40977	1	0.9999999
## 40978	4	0.9999999
## 40979	2	0.9999999
## 40980	4	0.9999999
## 40981	4	0.9999999
## 40982	4	0.9999999
## 40983	4	0.9999999
## 40984	2	0.9999999
## 40985	4	0.9999999
## 40986	4	0.9999999
## 40987	3	0.9999999
## 40988	4	0.9999999
## 40989	3	0.9999999
## 40990	3	0.9999999
## 40991	2	0.9999999
## 40992	4	0.9999999
## 40993	3	0.9999999
## 40994	2	0.9999999
## 40995	3	0.9999999
## 40996	2	0.9999999
## 40997	3	0.9999998
## 40998	2	0.9999999
## 40999	4	0.9999999
## 41000	3	0.9999999
## 41001	3	0.9999998
## 41002	3	0.9999999
## 41003	3	0.9999999
## 41004	3	0.9999999
## 41005	1	0.9999999
## 41006	4	0.9999998
## 41007	3	0.9999999
## 41008	2	0.9999999
## 41009	2	0.9999999
## 41010	2	0.9999999
## 41011	4	0.9999999
## 41012	4	0.9999999
## 41013	2	0.9999999
## 41014	3	0.9999999
## 41015	2	0.9999999

## 41016	3	0.9999999
## 41017	3	0.9999999
## 41018	1	0.9999999
## 41019	2	0.9999999
## 41020	0	0.9999999
## 41021	4	0.9999999
## 41022	4	0.9999999
## 41023	4	0.9999999
## 41024	2	0.9999999
## 41025	2	0.9999999
## 41026	2	0.9999999
## 41027	2	0.9999999
## 41028	1	0.9999999
## 41029	2	0.9999999
## 41030	4	0.9999999
## 41031	3	0.9999999
## 41032	3	0.9999999
## 41033	1	0.9999999
## 41034	1	0.9999999
## 41035	2	0.9999999
## 41036	2	0.9999999
## 41037	3	0.9999999
## 41038	4	0.9999999
## 41039	4	0.9999999
## 41040	2	0.9999999
## 41041	2	0.9999999
## 41042	2	0.9999999
## 41043	2	0.9999999
## 41044	3	0.9999999
## 41045	4	0.9999999
## 41046	3	0.9999999
## 41047	2	0.9999999
## 41048	1	0.9999999
## 41049	4	0.9999999
## 41050	2	0.9999999
## 41051	1	0.9999999
## 41052	4	0.9999999
## 41053	4	0.9999999
## 41054	1	0.9999999
## 41055	4	0.9999999
## 41056	2	0.9999999
## 41057	2	0.9999999
## 41058	3	0.9999999
## 41059	2	0.9999998
## 41060	0	0.9999999
## 41061	3	0.9999999
## 41062	0	0.9999999
## 41063	2	0.9999999
## 41064	4	0.9999999
## 41065	2	0.9999999
## 41066	2	0.9999999
## 41067	3	0.9999999
## 41068	1	0.9999999
## 41069	2	0.9999999

## 41070	3	0.9999999
## 41071	2	0.9999999
## 41072	1	0.9999999
## 41073	2	0.9999999
## 41074	4	0.9999999
## 41075	1	0.9999999
## 41076	4	0.9999999
## 41077	3	0.9999999
## 41078	4	0.9999999
## 41079	4	0.9999999
## 41080	3	0.9999999
## 41081	1	0.9999998
## 41082	3	0.9999999
## 41083	2	0.9999999
## 41084	4	0.9999999
## 41085	3	0.9999999
## 41086	4	0.9999999
## 41087	3	0.9999999
## 41088	2	0.9999999
## 41089	3	0.9999999
## 41090	3	0.9999999
## 41091	4	0.9999999
## 41092	4	0.9999999
## 41093	3	0.9999999
## 41094	1	0.9999999
## 41095	3	0.9999999
## 41096	3	0.9999999
## 41097	2	0.9999999
## 41098	2	0.9999999
## 41099	4	0.9999999
## 41100	3	0.9999999
## 41101	3	0.9999999
## 41102	3	0.9999999
## 41103	4	0.9999999
## 41104	3	0.9999999
## 41105	2	0.9999999
## 41106	4	0.9999999
## 41107	3	0.9999999
## 41108	3	0.9999999
## 41109	2	0.9999999
## 41110	2	0.9999999
## 41111	2	0.9999999
## 41112	2	0.9999999
## 41113	2	0.9999999
## 41114	2	0.9999999
## 41115	3	0.9999999
## 41116	2	0.9999999
## 41117	1	0.9999999
## 41118	2	0.9999999
## 41119	4	0.9999999
## 41120	3	0.9999999
## 41121	4	0.9999999
## 41122	2	0.9999999
## 41123	4	0.9999999

## 41124	4	0.9999999
## 41125	3	0.9999999
## 41126	2	0.9999999
## 41127	3	0.9999999
## 41128	4	0.9999999
## 41129	2	0.9999999
## 41130	3	0.9999999
## 41131	4	0.9999999
## 41132	4	0.9999999
## 41133	2	0.9999999
## 41134	1	0.9999999
## 41135	1	0.9999999
## 41136	3	0.9999999
## 41137	2	0.9999999
## 41138	2	0.9999999
## 41139	3	0.9999999
## 41140	3	0.9999999
## 41141	2	0.9999999
## 41142	2	0.9999999
## 41143	3	0.9999999
## 41144	3	0.9999999
## 41145	4	0.9999998
## 41146	2	0.9999999
## 41147	2	0.9999999
## 41148	4	0.9999999
## 41149	1	0.9999999
## 41150	2	0.9999999
## 41151	2	0.9999999
## 41152	3	0.9999999
## 41153	2	0.9999999
## 41154	3	0.9999999
## 41155	3	0.9999999
## 41156	4	0.9999999
## 41157	2	0.9999999
## 41158	3	0.9999999
## 41159	3	0.9999999
## 41160	2	0.9999999
## 41161	2	0.9999999
## 41162	2	0.9999999
## 41163	3	0.9999999
## 41164	2	0.9999999
## 41165	4	0.9999999
## 41166	4	0.9999999
## 41167	3	0.9999999
## 41168	3	0.9999999
## 41169	4	0.9999998
## 41170	4	0.9999999
## 41171	2	0.9999999
## 41172	3	0.9999999
## 41173	2	0.9999999
## 41174	3	0.9999999
## 41175	3	0.9999999
## 41176	3	0.9999999
## 41177	1	0.9999999

## 41178	2	0.9999998
## 41179	2	0.9999999
## 41180	3	0.9999999
## 41181	2	0.9999999
## 41182	4	0.9999999
## 41183	0	0.9999999
## 41184	3	0.9999999
## 41185	2	0.9999999
## 41186	2	0.9999999
## 41187	3	0.9999999
## 41188	2	0.9999999
## 41189	3	0.9999999
## 41190	3	0.9999999
## 41191	2	0.9999999
## 41192	2	0.9999999
## 41193	2	0.9999999
## 41194	3	0.9999999
## 41195	4	0.9999999
## 41196	3	0.9999999
## 41197	4	0.9999999
## 41198	2	0.9999999
## 41199	2	0.9999999
## 41200	1	0.9999999
## 41201	3	0.9999999
## 41202	3	0.9999999
## 41203	3	0.9999999
## 41204	2	0.9999999
## 41205	3	0.9999999
## 41206	4	0.9999999
## 41207	4	0.9999999
## 41208	4	0.9999999
## 41209	1	0.9999999
## 41210	4	0.9999999
## 41211	4	0.9999999
## 41212	4	0.9999998
## 41213	2	0.9999998
## 41214	4	0.9999999
## 41215	2	0.9999999
## 41216	2	0.9999999
## 41217	2	0.9999999
## 41218	2	0.9999999
## 41219	2	0.9999999
## 41220	3	0.9999999
## 41221	2	0.9999999
## 41222	3	0.9999999
## 41223	2	0.9999999
## 41224	3	0.9999999
## 41225	4	0.9999999
## 41226	3	0.9999999
## 41227	0	0.9999999
## 41228	2	0.9999999
## 41229	2	0.9999999
## 41230	3	0.9999999
## 41231	2	0.9999999

## 41232	1	0.9999999
## 41233	3	0.9999999
## 41234	3	0.9999999
## 41235	3	0.9999999
## 41236	3	0.9999999
## 41237	2	0.9999999
## 41238	3	0.9999999
## 41239	2	0.9999999
## 41240	0	0.9999999
## 41241	3	0.9999999
## 41242	2	0.9999999
## 41243	4	0.9999999
## 41244	2	0.9999999
## 41245	2	0.9999999
## 41246	3	0.9999999
## 41247	1	0.9999999
## 41248	4	0.9999999
## 41249	2	0.9999999
## 41250	2	0.9999999
## 41251	3	0.9999999
## 41252	2	0.9999999
## 41253	3	0.9999999
## 41254	3	0.9999999
## 41255	2	0.9999999
## 41256	4	0.9999999
## 41257	4	0.9999999
## 41258	3	0.9999999
## 41259	2	0.9999999
## 41260	3	0.9999998
## 41261	3	0.9999999
## 41262	0	0.9999999
## 41263	4	0.9999999
## 41264	4	0.9999999
## 41265	4	0.9999999
## 41266	3	0.9999999
## 41267	2	0.9999999
## 41268	3	0.9999999
## 41269	2	0.9999999
## 41270	3	0.9999999
## 41271	1	0.9999999
## 41272	4	0.9999999
## 41273	4	0.9999999
## 41274	4	0.9999999
## 41275	3	0.9999999
## 41276	2	0.9999999
## 41277	3	0.9999999
## 41278	1	0.9999999
## 41279	2	0.9999999
## 41280	2	0.9999999
## 41281	2	0.9999999
## 41282	3	0.9999998
## 41283	4	0.9999999
## 41284	4	0.9999999
## 41285	3	0.9999999

## 41286	3	0.9999999
## 41287	2	0.9999999
## 41288	2	0.9999999
## 41289	3	0.9999999
## 41290	2	0.9999998
## 41291	3	0.9999999
## 41292	4	0.9999999
## 41293	3	0.9999999
## 41294	4	0.9999999
## 41295	4	0.9999999
## 41296	3	0.9999999
## 41297	4	0.9999998
## 41298	1	0.9999999
## 41299	2	0.9999999
## 41300	3	0.9999999
## 41301	2	0.9999999
## 41302	2	0.9999999
## 41303	3	0.9999999
## 41304	3	0.9999999
## 41305	1	0.9999999
## 41306	2	0.9999999
## 41307	3	0.9999999
## 41308	1	0.9999999
## 41309	2	0.9999999
## 41310	3	0.9999999
## 41311	2	0.9999999
## 41312	2	0.9999999
## 41313	3	0.9999999
## 41314	3	0.9999999
## 41315	2	0.9999999
## 41316	2	0.9999999
## 41317	2	0.9999999
## 41318	4	0.9999999
## 41319	4	0.9999999
## 41320	2	0.9999999
## 41321	2	0.9999999
## 41322	2	0.9999999
## 41323	1	0.9999999
## 41324	2	0.9999999
## 41325	2	0.9999999
## 41326	3	0.9999999
## 41327	1	0.9999999
## 41328	2	0.9999999
## 41329	3	0.9999999
## 41330	3	0.9999999
## 41331	2	0.9999999
## 41332	4	0.9999999
## 41333	2	0.9999999
## 41334	4	0.9999999
## 41335	2	0.9999999
## 41336	2	0.9999998
## 41337	2	0.9999998
## 41338	3	0.9999999
## 41339	2	0.9999999

## 41340	3	0.9999999
## 41341	4	0.9999999
## 41342	4	0.9999999
## 41343	2	0.9999999
## 41344	2	0.9999999
## 41345	3	0.9999999
## 41346	4	0.9999999
## 41347	2	0.9999999
## 41348	2	0.9999999
## 41349	3	0.9999999
## 41350	3	0.9999999
## 41351	3	0.9999999
## 41352	2	0.9999999
## 41353	2	0.9999999
## 41354	2	0.9999999
## 41355	3	0.9999999
## 41356	4	0.9999999
## 41357	3	0.9999999
## 41358	4	0.9999999
## 41359	3	0.9999999
## 41360	3	0.9999999
## 41361	2	0.9999999
## 41362	4	0.9999999
## 41363	1	0.9999999
## 41364	2	0.9999999
## 41365	1	0.9999999
## 41366	2	0.9999999
## 41367	1	0.9999999
## 41368	2	0.9999999
## 41369	4	0.9999999
## 41370	4	0.9999999
## 41371	1	0.9999999
## 41372	3	0.9999999
## 41373	4	0.9999998
## 41374	4	0.9999999
## 41375	3	0.9999998
## 41376	3	0.9999999
## 41377	1	0.9999999
## 41378	2	0.9999999
## 41379	4	0.9999999
## 41380	2	0.9999999
## 41381	1	0.9999999
## 41382	2	0.9999999
## 41383	3	0.9999999
## 41384	3	0.9999999
## 41385	4	0.9999999
## 41386	4	0.9999999
## 41387	2	0.9999999
## 41388	0	0.9999999
## 41389	4	0.9999999
## 41390	3	0.9999999
## 41391	3	0.9999999
## 41392	3	0.9999999
## 41393	3	0.9999999

## 41394	4	0.9999999
## 41395	3	0.9999999
## 41396	4	0.9999999
## 41397	3	0.9999999
## 41398	0	0.9999999
## 41399	2	0.9999999
## 41400	2	0.9999999
## 41401	2	0.9999999
## 41402	4	0.9999999
## 41403	1	0.9999999
## 41404	3	0.9999999
## 41405	4	0.9999999
## 41406	3	0.9999999
## 41407	3	0.9999999
## 41408	3	0.9999999
## 41409	3	0.9999999
## 41410	2	0.9999999
## 41411	2	0.9999999
## 41412	2	0.9999999
## 41413	3	0.9999999
## 41414	3	0.9999999
## 41415	4	0.9999999
## 41416	4	0.9999999
## 41417	4	0.9999999
## 41418	1	0.9999999
## 41419	3	0.9999999
## 41420	2	0.9999999
## 41421	2	0.9999999
## 41422	4	0.9999999
## 41423	2	0.9999999
## 41424	2	0.9999999
## 41425	3	0.9999999
## 41426	1	0.9999999
## 41427	4	0.9999999
## 41428	3	0.9999999
## 41429	2	0.9999999
## 41430	4	0.9999999
## 41431	4	0.9999999
## 41432	2	0.9999999
## 41433	0	0.9999999
## 41434	1	0.9999999
## 41435	2	0.9999999
## 41436	1	0.9999999
## 41437	4	0.9999999
## 41438	4	0.9999999
## 41439	0	0.9999999
## 41440	3	0.9999999
## 41441	1	0.9999999
## 41442	3	0.9999999
## 41443	2	0.9999999
## 41444	3	0.9999999
## 41445	2	0.9999999
## 41446	3	0.9999999
## 41447	3	0.9999999

## 41448	2	0.9999999
## 41449	1	0.9999999
## 41450	2	0.9999999
## 41451	2	0.9999999
## 41452	3	0.9999999
## 41453	4	0.9999999
## 41454	0	0.9999999
## 41455	4	0.9999999
## 41456	3	0.9999999
## 41457	2	0.9999999
## 41458	4	0.9999999
## 41459	3	0.9999999
## 41460	1	0.9999999
## 41461	2	0.9999999
## 41462	3	0.9999999
## 41463	2	0.9999999
## 41464	2	0.9999999
## 41465	2	0.9999999
## 41466	3	0.9999999
## 41467	3	0.9999999
## 41468	4	0.9999999
## 41469	1	0.9999999
## 41470	1	0.9999999
## 41471	0	0.9999999
## 41472	2	0.9999999
## 41473	4	0.9999999
## 41474	3	0.9999999
## 41475	3	0.9999999
## 41476	3	0.9999999
## 41477	4	0.9999999
## 41478	4	0.9999999
## 41479	2	0.9999999
## 41480	3	0.9999999
## 41481	4	0.9999999
## 41482	2	0.9999999
## 41483	3	0.9999999
## 41484	2	0.9999999
## 41485	4	0.9999999
## 41486	3	0.9999998
## 41487	2	0.9999999
## 41488	2	0.9999998
## 41489	2	0.9999999
## 41490	2	0.9999999
## 41491	3	0.9999999
## 41492	2	0.9999999
## 41493	2	0.9999999
## 41494	2	0.9999999
## 41495	0	0.9999999
## 41496	2	0.9999999
## 41497	2	0.9999999
## 41498	4	0.9999999
## 41499	2	0.9999999
## 41500	3	0.9999999
## 41501	2	0.9999999

## 41502	3	0.9999999
## 41503	3	0.9999999
## 41504	1	0.9999999
## 41505	3	0.9999998
## 41506	4	0.9999999
## 41507	2	0.9999999
## 41508	2	0.9999999
## 41509	3	0.9999999
## 41510	2	0.9999999
## 41511	3	0.9999999
## 41512	2	0.9999999
## 41513	0	0.9999999
## 41514	3	0.9999999
## 41515	2	0.9999999
## 41516	4	0.9999999
## 41517	3	0.9999999
## 41518	2	0.9999999
## 41519	3	0.9999999
## 41520	4	0.9999999
## 41521	4	0.9999999
## 41522	2	0.9999999
## 41523	0	0.9999999
## 41524	3	0.9999999
## 41525	3	0.9999999
## 41526	2	0.9999999
## 41527	2	0.9999999
## 41528	2	0.9999999
## 41529	4	0.9999999
## 41530	3	0.9999999
## 41531	4	0.9999999
## 41532	2	0.9999998
## 41533	2	0.9999999
## 41534	3	0.9999999
## 41535	2	0.9999999
## 41536	1	0.9999999
## 41537	2	0.9999999
## 41538	2	0.9999999
## 41539	4	0.9999999
## 41540	2	0.9999999
## 41541	2	0.9999999
## 41542	2	0.9999999
## 41543	2	0.9999999
## 41544	2	0.9999998
## 41545	2	0.9999999
## 41546	2	0.9999999
## 41547	2	0.9999999
## 41548	2	0.9999999
## 41549	1	0.9999999
## 41550	2	0.9999999
## 41551	2	0.9999999
## 41552	1	0.9999999
## 41553	2	0.9999999
## 41554	1	0.9999999
## 41555	1	0.9999999

## 41556	2	0.9999999
## 41557	3	0.9999999
## 41558	1	0.9999999
## 41559	2	0.9999999
## 41560	4	0.9999999
## 41561	3	0.9999999
## 41562	3	0.9999999
## 41563	4	0.9999999
## 41564	2	0.9999999
## 41565	2	0.9999999
## 41566	1	0.9999999
## 41567	2	0.9999999
## 41568	2	0.9999999
## 41569	2	0.9999999
## 41570	1	0.9999999
## 41571	1	0.9999999
## 41572	4	0.9999999
## 41573	4	0.9999999
## 41574	3	0.9999999
## 41575	3	0.9999999
## 41576	1	0.9999999
## 41577	4	0.9999999
## 41578	4	0.9999999
## 41579	3	0.9999999
## 41580	3	0.9999999
## 41581	4	0.9999999
## 41582	4	0.9999999
## 41583	2	0.9999999
## 41584	2	0.9999999
## 41585	2	0.9999999
## 41586	2	0.9999999
## 41587	3	0.9999999
## 41588	0	0.9999998
## 41589	3	0.9999999
## 41590	3	0.9999999
## 41591	2	0.9999999
## 41592	2	0.9999999
## 41593	2	0.9999999
## 41594	1	0.9999999
## 41595	4	0.9999999
## 41596	3	0.9999999
## 41597	2	0.9999999
## 41598	4	0.9999999
## 41599	2	0.9999999
## 41600	3	0.9999999
## 41601	3	0.9999999
## 41602	2	0.9999999
## 41603	0	0.9999999
## 41604	4	0.9999999
## 41605	0	0.9999999
## 41606	3	0.9999999
## 41607	2	0.9999999
## 41608	4	0.9999999
## 41609	2	0.9999999

## 41610	0	0.9999999
## 41611	2	0.9999999
## 41612	2	0.9999999
## 41613	2	0.9999999
## 41614	3	0.9999999
## 41615	4	0.9999999
## 41616	4	0.9999999
## 41617	2	0.9999999
## 41618	4	0.9999999
## 41619	3	0.9999999
## 41620	4	0.9999999
## 41621	3	0.9999999
## 41622	2	0.9999999
## 41623	2	0.9999999
## 41624	2	0.9999999
## 41625	2	0.9999999
## 41626	4	0.9999999
## 41627	4	0.9999999
## 41628	3	0.9999999
## 41629	1	0.9999999
## 41630	4	0.9999999
## 41631	2	0.9999999
## 41632	2	0.9999999
## 41633	2	0.9999999
## 41634	1	0.9999999
## 41635	4	0.9999999
## 41636	1	0.9999999
## 41637	3	0.9999999
## 41638	2	0.9999999
## 41639	2	0.9999999
## 41640	4	0.9999999
## 41641	4	0.9999999
## 41642	2	0.9999999
## 41643	3	0.9999999
## 41644	1	0.9999999
## 41645	3	0.9999999
## 41646	2	0.9999999
## 41647	4	0.9999999
## 41648	3	0.9999999
## 41649	2	0.9999999
## 41650	4	0.9999999
## 41651	4	0.9999999
## 41652	2	0.9999999
## 41653	1	0.9999999
## 41654	2	0.9999999
## 41655	1	0.9999999
## 41656	3	0.9999999
## 41657	2	0.9999999
## 41658	3	0.9999999
## 41659	2	0.9999999
## 41660	3	0.9999999
## 41661	4	0.9999999
## 41662	2	0.9999999
## 41663	2	0.9999999

## 41664	2	0.9999999
## 41665	3	0.9999999
## 41666	2	0.9999999
## 41667	2	0.9999998
## 41668	2	0.9999999
## 41669	4	0.9999999
## 41670	2	0.9999999
## 41671	2	0.9999999
## 41672	1	0.9999999
## 41673	4	0.9999999
## 41674	1	0.9999999
## 41675	3	0.9999999
## 41676	2	0.9999999
## 41677	4	0.9999999
## 41678	4	0.9999999
## 41679	2	0.9999999
## 41680	4	0.9999999
## 41681	2	0.9999999
## 41682	0	0.9999999
## 41683	3	0.9999999
## 41684	2	0.9999999
## 41685	4	0.9999998
## 41686	3	0.9999999
## 41687	4	0.9999999
## 41688	2	0.9999998
## 41689	4	0.9999998
## 41690	3	0.9999999
## 41691	2	0.9999999
## 41692	3	0.9999999
## 41693	4	0.9999999
## 41694	1	0.9999999
## 41695	2	0.9999998
## 41696	2	0.9999999
## 41697	2	0.9999999
## 41698	1	0.9999999
## 41699	4	0.9999999
## 41700	2	0.9999999
## 41701	1	0.9999999
## 41702	4	0.9999999
## 41703	3	0.9999999
## 41704	2	0.9999999
## 41705	3	0.9999999
## 41706	4	0.9999999
## 41707	2	0.9999998
## 41708	2	0.9999999
## 41709	2	0.9999999
## 41710	3	0.9999999
## 41711	3	0.9999999
## 41712	4	0.9999999
## 41713	2	0.9999999
## 41714	0	0.9999999
## 41715	2	0.9999998
## 41716	4	0.9999999
## 41717	1	0.9999999

## 41718	2	0.9999999
## 41719	4	0.9999999
## 41720	0	0.9999999
## 41721	4	0.9999999
## 41722	2	0.9999999
## 41723	2	0.9999999
## 41724	2	0.9999999
## 41725	4	0.9999999
## 41726	2	0.9999999
## 41727	4	0.9999999
## 41728	2	0.9999999
## 41729	3	0.9999999
## 41730	3	0.9999999
## 41731	2	0.9999999
## 41732	2	0.9999999
## 41733	4	0.9999999
## 41734	3	0.9999999
## 41735	3	0.9999999
## 41736	3	0.9999999
## 41737	2	0.9999999
## 41738	2	0.9999999
## 41739	4	0.9999999
## 41740	2	0.9999999
## 41741	4	0.9999999
## 41742	4	0.9999999
## 41743	2	0.9999999
## 41744	3	0.9999999
## 41745	4	0.9999999
## 41746	3	0.9999999
## 41747	3	0.9999999
## 41748	4	0.9999999
## 41749	3	0.9999999
## 41750	4	0.9999999
## 41751	3	0.9999999
## 41752	1	0.9999999
## 41753	2	0.9999999
## 41754	3	0.9999999
## 41755	2	0.9999999
## 41756	4	0.9999999
## 41757	4	0.9999999
## 41758	1	0.9999998
## 41759	1	0.9999999
## 41760	2	0.9999999
## 41761	2	0.9999999
## 41762	2	0.9999999
## 41763	1	0.9999999
## 41764	2	0.9999999
## 41765	2	0.9999999
## 41766	3	0.9999999
## 41767	4	0.9999999
## 41768	1	0.9999999
## 41769	4	0.9999999
## 41770	2	0.9999999
## 41771	4	0.9999999

## 41772	4	0.9999999
## 41773	1	0.9999999
## 41774	2	0.9999999
## 41775	1	0.9999999
## 41776	1	0.9999999
## 41777	1	0.9999999
## 41778	1	0.9999998
## 41779	3	0.9999999
## 41780	0	0.9999999
## 41781	2	0.9999999
## 41782	2	0.9999999
## 41783	2	0.9999999
## 41784	2	0.9999999
## 41785	3	0.9999999
## 41786	2	0.9999999
## 41787	3	0.9999999
## 41788	3	0.9999999
## 41789	4	0.9999999
## 41790	3	0.9999999
## 41791	2	0.9999999
## 41792	4	0.9999999
## 41793	2	0.9999999
## 41794	2	0.9999999
## 41795	4	0.9999999
## 41796	2	0.9999998
## 41797	2	0.9999999
## 41798	4	0.9999999
## 41799	3	0.9999999
## 41800	4	0.9999999
## 41801	2	0.9999999
## 41802	2	0.9999999
## 41803	2	0.9999999
## 41804	1	0.9999999
## 41805	2	0.9999999
## 41806	4	0.9999999
## 41807	3	0.9999999
## 41808	3	0.9999999
## 41809	1	0.9999998
## 41810	4	0.9999999
## 41811	3	0.9999999
## 41812	4	0.9999999
## 41813	4	0.9999999
## 41814	4	0.9999999
## 41815	2	0.9999999
## 41816	2	0.9999999
## 41817	2	0.9999999
## 41818	3	0.9999999
## 41819	2	0.9999999
## 41820	3	0.9999999
## 41821	2	0.9999999
## 41822	4	0.9999999
## 41823	2	0.9999999
## 41824	4	0.9999998
## 41825	2	0.9999999

## 41826	2	0.9999999
## 41827	1	0.9999999
## 41828	2	0.9999999
## 41829	2	0.9999999
## 41830	4	0.9999999
## 41831	4	0.9999999
## 41832	4	0.9999999
## 41833	2	0.9999999
## 41834	3	0.9999999
## 41835	1	0.9999999
## 41836	0	0.9999999
## 41837	2	0.9999999
## 41838	3	0.9999999
## 41839	2	0.9999999
## 41840	1	0.9999999
## 41841	4	0.9999999
## 41842	3	0.9999999
## 41843	3	0.9999999
## 41844	4	0.9999999
## 41845	1	0.9999999
## 41846	4	0.9999999
## 41847	2	0.9999999
## 41848	2	0.9999999
## 41849	1	0.9999999
## 41850	3	0.9999999
## 41851	1	0.9999999
## 41852	2	0.9999999
## 41853	2	0.9999999
## 41854	3	0.9999999
## 41855	2	0.9999999
## 41856	1	0.9999999
## 41857	3	0.9999999
## 41858	1	0.9999999
## 41859	4	0.9999999
## 41860	3	0.9999999
## 41861	3	0.9999999
## 41862	2	0.9999999
## 41863	2	0.9999999
## 41864	4	0.9999999
## 41865	4	0.9999999
## 41866	4	0.9999999
## 41867	2	0.9999999
## 41868	2	0.9999999
## 41869	1	0.9999999
## 41870	3	0.9999999
## 41871	4	0.9999999
## 41872	2	0.9999999
## 41873	2	0.9999999
## 41874	0	0.9999999
## 41875	2	0.9999999
## 41876	4	0.9999999
## 41877	1	0.9999999
## 41878	2	0.9999999
## 41879	2	0.9999999

## 41880	2	0.9999999
## 41881	4	0.9999999
## 41882	4	0.9999999
## 41883	2	0.9999999
## 41884	2	0.9999999
## 41885	4	0.9999999
## 41886	1	0.9999999
## 41887	4	0.9999999
## 41888	2	0.9999999
## 41889	2	0.9999999
## 41890	2	0.9999999
## 41891	4	0.9999999
## 41892	2	0.9999999
## 41893	2	0.9999999
## 41894	2	0.9999999
## 41895	2	0.9999998
## 41896	4	0.9999999
## 41897	2	0.9999999
## 41898	2	0.9999999
## 41899	1	0.9999999
## 41900	2	0.9999999
## 41901	2	0.9999999
## 41902	3	0.9999999
## 41903	3	0.9999999
## 41904	4	0.9999999
## 41905	2	0.9999999
## 41906	3	0.9999999
## 41907	4	0.9999999
## 41908	2	0.9999999
## 41909	4	0.9999999
## 41910	1	0.9999999
## 41911	2	0.9999999
## 41912	2	0.9999999
## 41913	2	0.9999999
## 41914	2	0.9999999
## 41915	2	0.9999999
## 41916	2	0.9999999
## 41917	4	0.9999999
## 41918	2	0.9999999
## 41919	3	0.9999999
## 41920	2	0.9999999
## 41921	2	0.9999998
## 41922	2	0.9999999
## 41923	1	0.9999999
## 41924	3	0.9999999
## 41925	3	0.9999999
## 41926	2	0.9999999
## 41927	1	0.9999999
## 41928	4	0.9999999
## 41929	2	0.9999999
## 41930	1	0.9999999
## 41931	3	0.9999999
## 41932	2	0.9999999
## 41933	3	0.9999999

## 41934	2	0.9999999
## 41935	2	0.9999999
## 41936	4	0.9999999
## 41937	3	0.9999999
## 41938	4	0.9999999
## 41939	1	0.9999999
## 41940	3	0.9999999
## 41941	3	0.9999999
## 41942	4	0.9999999
## 41943	3	0.9999999
## 41944	3	0.9999999
## 41945	1	0.9999999
## 41946	2	0.9999999
## 41947	2	0.9999999
## 41948	2	0.9999999
## 41949	2	0.9999999
## 41950	3	0.9999999
## 41951	2	0.9999999
## 41952	3	0.9999999
## 41953	3	0.9999999
## 41954	3	0.9999999
## 41955	1	0.9999999
## 41956	3	0.9999999
## 41957	4	0.9999999
## 41958	3	0.9999999
## 41959	3	0.9999999
## 41960	3	0.9999999
## 41961	2	0.9999999
## 41962	4	0.9999999
## 41963	3	0.9999999
## 41964	4	0.9999999
## 41965	2	0.9999999
## 41966	3	0.9999999
## 41967	2	0.9999999
## 41968	4	0.9999999
## 41969	3	0.9999999
## 41970	3	0.9999999
## 41971	2	0.9999999
## 41972	2	0.9999999
## 41973	2	0.9999999
## 41974	0	0.9999999
## 41975	3	0.9999999
## 41976	4	0.9999999
## 41977	3	0.9999999
## 41978	2	0.9999999
## 41979	3	0.9999998
## 41980	2	0.9999999
## 41981	4	0.9999999
## 41982	4	0.9999999
## 41983	3	0.9999999
## 41984	2	0.9999999
## 41985	4	0.9999999
## 41986	2	0.9999999
## 41987	2	0.9999998

## 41988	2	0.9999999
## 41989	2	0.9999999
## 41990	2	0.9999999
## 41991	3	0.9999999
## 41992	3	0.9999998
## 41993	2	0.9999999
## 41994	2	0.9999999
## 41995	3	0.9999999
## 41996	1	0.9999999
## 41997	3	0.9999999
## 41998	3	0.9999999
## 41999	3	0.9999999
## 42000	4	0.9999999
## 42001	4	0.9999999
## 42002	3	0.9999999
## 42003	2	0.9999999
## 42004	3	0.9999999
## 42005	3	0.9999999
## 42006	4	0.9999998
## 42007	1	0.9999999
## 42008	2	0.9999999
## 42009	2	0.9999999
## 42010	2	0.9999999
## 42011	2	0.9999999
## 42012	2	0.9999999
## 42013	3	0.9999999
## 42014	3	0.9999999
## 42015	3	0.9999999
## 42016	3	0.9999999
## 42017	2	0.9999999
## 42018	2	0.9999998
## 42019	2	0.9999999
## 42020	3	0.9999999
## 42021	3	0.9999999
## 42022	1	0.9999999
## 42023	4	0.9999999
## 42024	3	0.9999999
## 42025	4	0.9999999
## 42026	4	0.9999999
## 42027	2	0.9999999
## 42028	2	0.9999999
## 42029	2	0.9999999
## 42030	4	0.9999999
## 42031	2	0.9999999
## 42032	1	0.9999998
## 42033	1	0.9999999
## 42034	3	0.9999999
## 42035	2	0.9999999
## 42036	1	0.9999999
## 42037	2	0.9999999
## 42038	4	0.9999999
## 42039	4	0.9999999
## 42040	4	0.9999999
## 42041	3	0.9999999

## 42042	1	0.9999999
## 42043	3	0.9999999
## 42044	3	0.9999999
## 42045	2	0.9999998
## 42046	3	0.9999999
## 42047	2	0.9999999
## 42048	4	0.9999999
## 42049	2	0.9999999
## 42050	4	0.9999999
## 42051	1	0.9999999
## 42052	4	0.9999999
## 42053	2	0.9999999
## 42054	3	0.9999999
## 42055	2	0.9999999
## 42056	3	0.9999999
## 42057	2	0.9999999
## 42058	4	0.9999999
## 42059	3	0.9999999
## 42060	1	0.9999999
## 42061	2	0.9999999
## 42062	4	0.9999999
## 42063	2	0.9999999
## 42064	3	0.9999999
## 42065	1	0.9999999
## 42066	3	0.9999999
## 42067	3	0.9999999
## 42068	3	0.9999999
## 42069	4	0.9999999
## 42070	2	0.9999999
## 42071	4	0.9999999
## 42072	4	0.9999999
## 42073	2	0.9999999
## 42074	3	0.9999999
## 42075	3	0.9999999
## 42076	4	0.9999999
## 42077	3	0.9999999
## 42078	4	0.9999999
## 42079	2	0.9999999
## 42080	4	0.9999999
## 42081	2	0.9999999
## 42082	3	0.9999999
## 42083	4	0.9999999
## 42084	2	0.9999999
## 42085	2	0.9999999
## 42086	2	0.9999999
## 42087	3	0.9999999
## 42088	0	0.9999999
## 42089	2	0.9999999
## 42090	3	0.9999999
## 42091	0	0.9999999
## 42092	2	0.9999999
## 42093	1	0.9999999
## 42094	2	0.9999998
## 42095	4	0.9999999

## 42096	2	0.9999999
## 42097	2	0.9999999
## 42098	4	0.9999999
## 42099	3	0.9999999
## 42100	2	0.9999999
## 42101	2	0.9999999
## 42102	3	0.9999999
## 42103	3	0.9999999
## 42104	3	0.9999999
## 42105	2	0.9999998
## 42106	2	0.9999999
## 42107	2	0.9999999
## 42108	2	0.9999999
## 42109	3	0.9999999
## 42110	3	0.9999999
## 42111	4	0.9999999
## 42112	4	0.9999999
## 42113	2	0.9999999
## 42114	1	0.9999999
## 42115	1	0.9999999
## 42116	2	0.9999999
## 42117	4	0.9999999
## 42118	3	0.9999999
## 42119	3	0.9999999
## 42120	2	0.9999999
## 42121	0	0.9999998
## 42122	4	0.9999999
## 42123	1	0.9999999
## 42124	3	0.9999999
## 42125	4	0.9999999
## 42126	2	0.9999999
## 42127	2	0.9999999
## 42128	3	0.9999998
## 42129	2	0.9999999
## 42130	2	0.9999999
## 42131	3	0.9999999
## 42132	2	0.9999999
## 42133	3	0.9999999
## 42134	2	0.9999999
## 42135	3	0.9999999
## 42136	2	0.9999999
## 42137	2	0.9999999
## 42138	4	0.9999999
## 42139	2	0.9999999
## 42140	2	0.9999999
## 42141	4	0.9999999
## 42142	3	0.9999999
## 42143	2	0.9999999
## 42144	4	0.9999999
## 42145	2	0.9999999
## 42146	4	0.9999999
## 42147	3	0.9999999
## 42148	2	0.9999999
## 42149	2	0.9999999

## 42150	3	0.9999999
## 42151	2	0.9999999
## 42152	4	0.9999999
## 42153	2	0.9999999
## 42154	0	0.9999999
## 42155	4	0.9999999
## 42156	4	0.9999999
## 42157	4	0.9999999
## 42158	0	0.9999999
## 42159	1	0.9999999
## 42160	1	0.9999999
## 42161	2	0.9999999
## 42162	3	0.9999999
## 42163	1	0.9999999
## 42164	4	0.9999999
## 42165	4	0.9999999
## 42166	2	0.9999999
## 42167	3	0.9999999
## 42168	3	0.9999999
## 42169	1	0.9999999
## 42170	2	0.9999999
## 42171	2	0.9999999
## 42172	4	0.9999999
## 42173	3	0.9999999
## 42174	3	0.9999999
## 42175	3	0.9999999
## 42176	4	0.9999999
## 42177	4	0.9999999
## 42178	2	0.9999999
## 42179	0	0.9999999
## 42180	4	0.9999999
## 42181	4	0.9999999
## 42182	2	0.9999999
## 42183	2	0.9999999
## 42184	2	0.9999999
## 42185	2	0.9999999
## 42186	3	0.9999999
## 42187	2	0.9999999
## 42188	4	0.9999999
## 42189	3	0.9999999
## 42190	4	0.9999999
## 42191	3	0.9999999
## 42192	2	0.9999999
## 42193	4	0.9999999
## 42194	4	0.9999998
## 42195	2	0.9999999
## 42196	4	0.9999999
## 42197	4	0.9999999
## 42198	2	0.9999999
## 42199	2	0.9999999
## 42200	2	0.9999999
## 42201	2	0.9999999
## 42202	2	0.9999999
## 42203	2	0.9999999

## 42204	2	0.9999999
## 42205	4	0.9999999
## 42206	3	0.9999999
## 42207	0	0.9999999
## 42208	4	0.9999999
## 42209	3	0.9999999
## 42210	3	0.9999999
## 42211	3	0.9999999
## 42212	4	0.9999999
## 42213	2	0.9999999
## 42214	3	0.9999998
## 42215	3	0.9999999
## 42216	4	0.9999999
## 42217	4	0.9999999
## 42218	2	0.9999999
## 42219	2	0.9999999
## 42220	1	0.9999999
## 42221	4	0.9999999
## 42222	1	0.9999999
## 42223	3	0.9999999
## 42224	4	0.9999999
## 42225	2	0.9999999
## 42226	4	0.9999999
## 42227	0	0.9999999
## 42228	3	0.9999999
## 42229	2	0.9999999
## 42230	2	0.9999999
## 42231	3	0.9999999
## 42232	4	0.9999999
## 42233	2	0.9999999
## 42234	4	0.9999999
## 42235	2	0.9999999
## 42236	3	0.9999999
## 42237	4	0.9999999
## 42238	2	0.9999999
## 42239	2	0.9999999
## 42240	0	0.9999999
## 42241	3	0.9999999
## 42242	2	0.9999999
## 42243	2	0.9999998
## 42244	2	0.9999999
## 42245	3	0.9999999
## 42246	3	0.9999999
## 42247	2	0.9999999
## 42248	2	0.9999999
## 42249	2	0.9999999
## 42250	2	0.9999999
## 42251	3	0.9999999
## 42252	2	0.9999999
## 42253	3	0.9999999
## 42254	2	0.9999999
## 42255	3	0.9999999
## 42256	4	0.9999999
## 42257	2	0.9999999

## 42258	3	0.9999999
## 42259	3	0.9999999
## 42260	4	0.9999999
## 42261	2	0.9999999
## 42262	3	0.9999999
## 42263	0	0.9999999
## 42264	4	0.9999999
## 42265	3	0.9999999
## 42266	3	0.9999999
## 42267	2	0.9999999
## 42268	2	0.9999999
## 42269	4	0.9999999
## 42270	2	0.9999999
## 42271	4	0.9999998
## 42272	2	0.9999999
## 42273	2	0.9999999
## 42274	3	0.9999999
## 42275	1	0.9999999
## 42276	2	0.9999999
## 42277	1	0.9999999
## 42278	4	0.9999999
## 42279	1	0.9999999
## 42280	4	0.9999999
## 42281	2	0.9999999
## 42282	2	0.9999999
## 42283	4	0.9999999
## 42284	0	0.9999999
## 42285	4	0.9999999
## 42286	2	0.9999999
## 42287	1	0.9999999
## 42288	4	0.9999999
## 42289	1	0.9999999
## 42290	2	0.9999999
## 42291	3	0.9999999
## 42292	2	0.9999999
## 42293	2	0.9999999
## 42294	2	0.9999999
## 42295	4	0.9999999
## 42296	4	0.9999999
## 42297	2	0.9999999
## 42298	0	0.9999999
## 42299	4	0.9999999
## 42300	3	0.9999999
## 42301	3	0.9999999
## 42302	4	0.9999999
## 42303	3	0.9999999
## 42304	2	0.9999999
## 42305	2	0.9999999
## 42306	4	0.9999999
## 42307	2	0.9999999
## 42308	2	0.9999999
## 42309	3	0.9999999
## 42310	3	0.9999999
## 42311	2	0.9999999

## 42312	2	0.9999998
## 42313	2	0.9999999
## 42314	4	0.9999999
## 42315	4	0.9999999
## 42316	3	0.9999999
## 42317	4	0.9999999
## 42318	2	0.9999999
## 42319	4	0.9999999
## 42320	4	0.9999999
## 42321	3	0.9999999
## 42322	2	0.9999999
## 42323	4	0.9999999
## 42324	3	0.9999999
## 42325	2	0.9999999
## 42326	2	0.9999999
## 42327	2	0.9999999
## 42328	2	0.9999999
## 42329	3	0.9999999
## 42330	4	0.9999999
## 42331	4	0.9999999
## 42332	4	0.9999999
## 42333	3	0.9999999
## 42334	3	0.9999999
## 42335	3	0.9999999
## 42336	3	0.9999999
## 42337	1	0.9999999
## 42338	4	0.9999999
## 42339	3	0.9999999
## 42340	2	0.9999999
## 42341	4	0.9999999
## 42342	3	0.9999999
## 42343	1	0.9999998
## 42344	2	0.9999999
## 42345	4	0.9999999
## 42346	3	0.9999999
## 42347	2	0.9999999
## 42348	3	0.9999999
## 42349	2	0.9999999
## 42350	2	0.9999999
## 42351	2	0.9999999
## 42352	1	0.9999999
## 42353	2	0.9999999
## 42354	3	0.9999999
## 42355	3	0.9999999
## 42356	2	0.9999999
## 42357	3	0.9999999
## 42358	2	0.9999999
## 42359	2	0.9999999
## 42360	2	0.9999999
## 42361	2	0.9999999
## 42362	3	0.9999998
## 42363	3	0.9999999
## 42364	2	0.9999999
## 42365	4	0.9999999

## 42366	2	0.9999999
## 42367	3	0.9999999
## 42368	2	0.9999999
## 42369	3	0.9999999
## 42370	3	0.9999999
## 42371	4	0.9999999
## 42372	2	0.9999999
## 42373	3	0.9999999
## 42374	4	0.9999999
## 42375	4	0.9999999
## 42376	1	0.9999999
## 42377	2	0.9999999
## 42378	4	0.9999999
## 42379	3	0.9999999
## 42380	4	0.9999999
## 42381	0	0.9999999
## 42382	3	0.9999999
## 42383	4	0.9999999
## 42384	2	0.9999999
## 42385	1	0.9999999
## 42386	4	0.9999999
## 42387	3	0.9999999
## 42388	2	0.9999999
## 42389	4	0.9999999
## 42390	4	0.9999999
## 42391	3	0.9999999
## 42392	1	0.9999999
## 42393	2	0.9999998
## 42394	2	0.9999999
## 42395	2	0.9999999
## 42396	2	0.9999999
## 42397	3	0.9999999
## 42398	2	0.9999999
## 42399	4	0.9999999
## 42400	2	0.9999999
## 42401	4	0.9999999
## 42402	2	0.9999999
## 42403	1	0.9999999
## 42404	2	0.9999999
## 42405	0	0.9999999
## 42406	2	0.9999999
## 42407	2	0.9999999
## 42408	4	0.9999999
## 42409	4	0.9999999
## 42410	3	0.9999999
## 42411	4	0.9999999
## 42412	2	0.9999999
## 42413	2	0.9999999
## 42414	2	0.9999999
## 42415	2	0.9999999
## 42416	2	0.9999999
## 42417	1	0.9999999
## 42418	3	0.9999999
## 42419	2	0.9999999

## 42420	4	0.9999999
## 42421	4	0.9999999
## 42422	4	0.9999999
## 42423	3	0.9999999
## 42424	2	0.9999999
## 42425	1	0.9999999
## 42426	3	0.9999999
## 42427	1	0.9999999
## 42428	1	0.9999999
## 42429	3	0.9999999
## 42430	2	0.9999999
## 42431	3	0.9999999
## 42432	3	0.9999998
## 42433	3	0.9999999
## 42434	4	0.9999999
## 42435	4	0.9999999
## 42436	3	0.9999999
## 42437	2	0.9999999
## 42438	2	0.9999999
## 42439	3	0.9999999
## 42440	2	0.9999999
## 42441	3	0.9999999
## 42442	4	0.9999999
## 42443	3	0.9999998
## 42444	2	0.9999999
## 42445	1	0.9999999
## 42446	3	0.9999999
## 42447	2	0.9999999
## 42448	3	0.9999999
## 42449	3	0.9999999
## 42450	1	0.9999999
## 42451	2	0.9999999
## 42452	4	0.9999999
## 42453	3	0.9999999
## 42454	1	0.9999999
## 42455	4	0.9999999
## 42456	2	0.9999999
## 42457	4	0.9999999
## 42458	0	0.9999999
## 42459	4	0.9999998
## 42460	3	0.9999999
## 42461	4	0.9999999
## 42462	2	0.9999999
## 42463	1	0.9999999
## 42464	1	0.9999999
## 42465	4	0.9999999
## 42466	0	0.9999999
## 42467	3	0.9999999
## 42468	2	0.9999999
## 42469	3	0.9999999
## 42470	4	0.9999999
## 42471	4	0.9999999
## 42472	4	0.9999999
## 42473	2	0.9999999

## 42474	3	0.9999999
## 42475	2	0.9999999
## 42476	4	0.9999999
## 42477	2	0.9999999
## 42478	4	0.9999999
## 42479	2	0.9999999
## 42480	2	0.9999999
## 42481	1	0.9999999
## 42482	2	0.9999999
## 42483	4	0.9999999
## 42484	3	0.9999999
## 42485	1	0.9999999
## 42486	2	0.9999999
## 42487	4	0.9999999
## 42488	1	0.9999999
## 42489	3	0.9999999
## 42490	2	0.9999999
## 42491	2	0.9999999
## 42492	3	0.9999999
## 42493	4	0.9999999
## 42494	2	0.9999999
## 42495	2	0.9999998
## 42496	1	0.9999999
## 42497	1	0.9999999
## 42498	4	0.9999999
## 42499	4	0.9999999
## 42500	4	0.9999999
## 42501	4	0.9999999
## 42502	2	0.9999999
## 42503	4	0.9999999
## 42504	2	0.9999999
## 42505	4	0.9999999
## 42506	3	0.9999999
## 42507	3	0.9999999
## 42508	2	0.9999999
## 42509	3	0.9999999
## 42510	3	0.9999999
## 42511	4	0.9999999
## 42512	2	0.9999999
## 42513	4	0.9999999
## 42514	2	0.9999999
## 42515	3	0.9999999
## 42516	1	0.9999999
## 42517	2	0.9999999
## 42518	3	0.9999998
## 42519	4	0.9999999
## 42520	3	0.9999999
## 42521	4	0.9999999
## 42522	3	0.9999999
## 42523	2	0.9999998
## 42524	3	0.9999999
## 42525	2	0.9999998
## 42526	4	0.9999999
## 42527	4	0.9999999

## 42528	2	0.9999999
## 42529	3	0.9999999
## 42530	2	0.9999999
## 42531	4	0.9999999
## 42532	2	0.9999999
## 42533	3	0.9999999
## 42534	3	0.9999999
## 42535	1	0.9999999
## 42536	0	0.9999999
## 42537	4	0.9999999
## 42538	3	0.9999999
## 42539	4	0.9999999
## 42540	2	0.9999999
## 42541	2	0.9999999
## 42542	2	0.9999999
## 42543	4	0.9999999
## 42544	3	0.9999999
## 42545	3	0.9999999
## 42546	1	0.9999998
## 42547	2	0.9999999
## 42548	4	0.9999999
## 42549	3	0.9999999
## 42550	2	0.9999999
## 42551	2	0.9999999
## 42552	1	0.9999999
## 42553	2	0.9999999
## 42554	2	0.9999999
## 42555	2	0.9999999
## 42556	3	0.9999999
## 42557	1	0.9999999
## 42558	4	0.9999999
## 42559	4	0.9999999
## 42560	4	0.9999999
## 42561	3	0.9999999
## 42562	3	0.9999999
## 42563	2	0.9999999
## 42564	3	0.9999999
## 42565	1	0.9999999
## 42566	2	0.9999999
## 42567	3	0.9999999
## 42568	3	0.9999999
## 42569	2	0.9999999
## 42570	3	0.9999999
## 42571	4	0.9999999
## 42572	4	0.9999999
## 42573	2	0.9999999
## 42574	3	0.9999998
## 42575	4	0.9999999
## 42576	2	0.9999998
## 42577	2	0.9999999
## 42578	2	0.9999999
## 42579	3	0.9999999
## 42580	3	0.9999999
## 42581	2	0.9999999

## 42582	3	0.9999999
## 42583	0	0.9999999
## 42584	3	0.9999999
## 42585	3	0.9999999
## 42586	4	0.9999999
## 42587	2	0.9999999
## 42588	2	0.9999999
## 42589	2	0.9999999
## 42590	4	0.9999998
## 42591	2	0.9999999
## 42592	4	0.9999999
## 42593	4	0.9999999
## 42594	1	0.9999999
## 42595	1	0.9999999
## 42596	3	0.9999999
## 42597	3	0.9999999
## 42598	2	0.9999999
## 42599	2	0.9999998
## 42600	4	0.9999999
## 42601	2	0.9999999
## 42602	2	0.9999999
## 42603	2	0.9999999
## 42604	0	0.9999999
## 42605	3	0.9999999
## 42606	3	0.9999999
## 42607	4	0.9999999
## 42608	3	0.9999999
## 42609	1	0.9999999
## 42610	2	0.9999999
## 42611	2	0.9999999
## 42612	2	0.9999999
## 42613	2	0.9999999
## 42614	4	0.9999999
## 42615	1	0.9999999
## 42616	2	0.9999999
## 42617	3	0.9999999
## 42618	3	0.9999999
## 42619	2	0.9999999
## 42620	4	0.9999999
## 42621	2	0.9999999
## 42622	2	0.9999999
## 42623	3	0.9999999
## 42624	2	0.9999999
## 42625	2	0.9999999
## 42626	2	0.9999999
## 42627	4	0.9999999
## 42628	3	0.9999999
## 42629	2	0.9999999
## 42630	4	0.9999999
## 42631	4	0.9999999
## 42632	2	0.9999999
## 42633	3	0.9999999
## 42634	2	0.9999999
## 42635	1	0.9999998

## 42636	4	0.9999999
## 42637	3	0.9999999
## 42638	2	0.9999999
## 42639	4	0.9999999
## 42640	2	0.9999999
## 42641	2	0.9999999
## 42642	4	0.9999999
## 42643	3	0.9999999
## 42644	4	0.9999999
## 42645	4	0.9999999
## 42646	4	0.9999999
## 42647	2	0.9999999
## 42648	4	0.9999999
## 42649	3	0.9999999
## 42650	2	0.9999999
## 42651	4	0.9999999
## 42652	2	0.9999999
## 42653	4	0.9999999
## 42654	2	0.9999999
## 42655	4	0.9999999
## 42656	2	0.9999999
## 42657	4	0.9999999
## 42658	2	0.9999998
## 42659	4	0.9999999
## 42660	1	0.9999999
## 42661	2	0.9999999
## 42662	2	0.9999999
## 42663	1	0.9999999
## 42664	2	0.9999999
## 42665	1	0.9999999
## 42666	2	0.9999999
## 42667	2	0.9999999
## 42668	4	0.9999999
## 42669	2	0.9999999
## 42670	2	0.9999999
## 42671	3	0.9999999
## 42672	4	0.9999999
## 42673	4	0.9999999
## 42674	3	0.9999999
## 42675	2	0.9999999
## 42676	3	0.9999999
## 42677	2	0.9999999
## 42678	3	0.9999999
## 42679	2	0.9999999
## 42680	2	0.9999999
## 42681	2	0.9999999
## 42682	2	0.9999999
## 42683	2	0.9999999
## 42684	2	0.9999999
## 42685	0	0.9999999
## 42686	2	0.9999999
## 42687	2	0.9999999
## 42688	4	0.9999999
## 42689	4	0.9999999

## 42690	2	0.9999999
## 42691	2	0.9999999
## 42692	4	0.9999999
## 42693	3	0.9999999
## 42694	3	0.9999999
## 42695	1	0.9999999
## 42696	2	0.9999999
## 42697	2	0.9999999
## 42698	3	0.9999999
## 42699	2	0.9999999
## 42700	1	0.9999999
## 42701	3	0.9999999
## 42702	2	0.9999999
## 42703	3	0.9999999
## 42704	3	0.9999999
## 42705	2	0.9999999
## 42706	4	0.9999999
## 42707	4	0.9999999
## 42708	4	0.9999999
## 42709	2	0.9999999
## 42710	4	0.9999999
## 42711	2	0.9999999
## 42712	2	0.9999999
## 42713	2	0.9999999
## 42714	4	0.9999999
## 42715	4	0.9999999
## 42716	3	0.9999999
## 42717	2	0.9999999
## 42718	3	0.9999999
## 42719	3	0.9999999
## 42720	4	0.9999999
## 42721	3	0.9999999
## 42722	2	0.9999999
## 42723	0	0.9999999
## 42724	2	0.9999999
## 42725	3	0.9999999
## 42726	2	0.9999999
## 42727	0	0.9999999
## 42728	0	0.9999999
## 42729	1	0.9999999
## 42730	2	0.9999999
## 42731	4	0.9999998
## 42732	3	0.9999999
## 42733	2	0.9999999
## 42734	4	0.9999999
## 42735	1	0.9999999
## 42736	4	0.9999999
## 42737	2	0.9999999
## 42738	2	0.9999999
## 42739	4	0.9999999
## 42740	4	0.9999999
## 42741	4	0.9999999
## 42742	4	0.9999999
## 42743	3	0.9999999

## 42744	4	0.9999999
## 42745	4	0.9999999
## 42746	3	0.9999999
## 42747	2	0.9999999
## 42748	3	0.9999999
## 42749	4	0.9999999
## 42750	3	0.9999999
## 42751	4	0.9999999
## 42752	4	0.9999998
## 42753	3	0.9999999
## 42754	3	0.9999999
## 42755	3	0.9999999
## 42756	2	0.9999999
## 42757	2	0.9999999
## 42758	2	0.9999999
## 42759	3	0.9999999
## 42760	0	0.9999999
## 42761	3	0.9999999
## 42762	4	0.9999999
## 42763	4	0.9999999
## 42764	0	0.9999998
## 42765	4	0.9999999
## 42766	1	0.9999999
## 42767	0	0.9999999
## 42768	2	0.9999999
## 42769	2	0.9999999
## 42770	2	0.9999999
## 42771	3	0.9999999
## 42772	2	0.9999999
## 42773	2	0.9999998
## 42774	2	0.9999999
## 42775	0	0.9999999
## 42776	2	0.9999999
## 42777	2	0.9999999
## 42778	1	0.9999998
## 42779	1	0.9999999
## 42780	3	0.9999999
## 42781	0	0.9999999
## 42782	1	0.9999999
## 42783	3	0.9999998
## 42784	2	0.9999999
## 42785	2	0.9999999
## 42786	2	0.9999999
## 42787	2	0.9999999
## 42788	2	0.9999999
## 42789	4	0.9999999
## 42790	4	0.9999999
## 42791	2	0.9999999
## 42792	4	0.9999999
## 42793	2	0.9999999
## 42794	4	0.9999999
## 42795	4	0.9999999
## 42796	4	0.9999999
## 42797	3	0.9999999

## 42798	2	0.9999999
## 42799	2	0.9999999
## 42800	2	0.9999999
## 42801	3	0.9999999
## 42802	2	0.9999999
## 42803	3	0.9999999
## 42804	2	0.9999999
## 42805	3	0.9999999
## 42806	2	0.9999999
## 42807	2	0.9999998
## 42808	2	0.9999999
## 42809	4	0.9999999
## 42810	3	0.9999999
## 42811	4	0.9999998
## 42812	1	0.9999999
## 42813	2	0.9999999
## 42814	2	0.9999999
## 42815	1	0.9999999
## 42816	3	0.9999999
## 42817	3	0.9999999
## 42818	4	0.9999999
## 42819	3	0.9999999
## 42820	3	0.9999999
## 42821	3	0.9999999
## 42822	2	0.9999998
## 42823	0	0.9999999
## 42824	2	0.9999999
## 42825	4	0.9999999
## 42826	2	0.9999999
## 42827	2	0.9999999
## 42828	0	0.9999999
## 42829	3	0.9999999
## 42830	4	0.9999999
## 42831	4	0.9999999
## 42832	4	0.9999999
## 42833	3	0.9999999
## 42834	2	0.9999999
## 42835	4	0.9999999
## 42836	2	0.9999999
## 42837	2	0.9999999
## 42838	2	0.9999999
## 42839	1	0.9999999
## 42840	4	0.9999999
## 42841	2	0.9999999
## 42842	3	0.9999999
## 42843	3	0.9999999
## 42844	2	0.9999999
## 42845	2	0.9999999
## 42846	2	0.9999999
## 42847	3	0.9999999
## 42848	3	0.9999999
## 42849	3	0.9999999
## 42850	2	0.9999999
## 42851	3	0.9999999

## 42852	4	0.9999999
## 42853	3	0.9999999
## 42854	2	0.9999999
## 42855	3	0.9999999
## 42856	4	0.9999999
## 42857	2	0.9999999
## 42858	4	0.9999999
## 42859	1	0.9999999
## 42860	2	0.9999999
## 42861	2	0.9999999
## 42862	2	0.9999999
## 42863	4	0.9999999
## 42864	3	0.9999999
## 42865	0	0.9999999
## 42866	4	0.9999999
## 42867	2	0.9999999
## 42868	2	0.9999999
## 42869	2	0.9999999
## 42870	2	0.9999999
## 42871	2	0.9999999
## 42872	4	0.9999998
## 42873	3	0.9999999
## 42874	2	0.9999999
## 42875	2	0.9999999
## 42876	0	0.9999999
## 42877	4	0.9999999
## 42878	2	0.9999999
## 42879	4	0.9999999
## 42880	3	0.9999999
## 42881	3	0.9999999
## 42882	4	0.9999999
## 42883	0	0.9999999
## 42884	4	0.9999999
## 42885	2	0.9999998
## 42886	4	0.9999999
## 42887	2	0.9999999
## 42888	1	0.9999998
## 42889	2	0.9999999
## 42890	1	0.9999999
## 42891	3	0.9999999
## 42892	4	0.9999999
## 42893	4	0.9999999
## 42894	3	0.9999999
## 42895	4	0.9999999
## 42896	1	0.9999999
## 42897	2	0.9999999
## 42898	1	0.9999998
## 42899	3	0.9999999
## 42900	3	0.9999999
## 42901	2	0.9999999
## 42902	2	0.9999999
## 42903	3	0.9999999
## 42904	2	0.9999999
## 42905	3	0.9999999

## 42906	3	0.9999998
## 42907	2	0.9999999
## 42908	4	0.9999999
## 42909	3	0.9999999
## 42910	3	0.9999999
## 42911	2	0.9999998
## 42912	3	0.9999999
## 42913	4	0.9999999
## 42914	2	0.9999999
## 42915	2	0.9999999
## 42916	2	0.9999999
## 42917	1	0.9999999
## 42918	2	0.9999999
## 42919	3	0.9999999
## 42920	3	0.9999999
## 42921	4	0.9999999
## 42922	1	0.9999998
## 42923	3	0.9999999
## 42924	1	0.9999999
## 42925	2	0.9999999
## 42926	3	0.9999998
## 42927	4	0.9999999
## 42928	1	0.9999999
## 42929	4	0.9999999
## 42930	4	0.9999999
## 42931	2	0.9999999
## 42932	3	0.9999999
## 42933	0	0.9999999
## 42934	2	0.9999999
## 42935	2	0.9999999
## 42936	3	0.9999999
## 42937	3	0.9999999
## 42938	3	0.9999999
## 42939	4	0.9999999
## 42940	3	0.9999999
## 42941	4	0.9999999
## 42942	3	0.9999999
## 42943	4	0.9999999
## 42944	2	0.9999999
## 42945	4	0.9999999
## 42946	2	0.9999999
## 42947	4	0.9999999
## 42948	2	0.9999999
## 42949	4	0.9999999
## 42950	3	0.9999999
## 42951	2	0.9999999
## 42952	4	0.9999999
## 42953	2	0.9999999
## 42954	2	0.9999999
## 42955	4	0.9999999
## 42956	2	0.9999999
## 42957	2	0.9999999
## 42958	0	0.9999999
## 42959	1	0.9999999

## 42960	2	0.9999999
## 42961	3	0.9999999
## 42962	4	0.9999999
## 42963	3	0.9999999
## 42964	3	0.9999999
## 42965	3	0.9999999
## 42966	2	0.9999999
## 42967	0	0.9999999
## 42968	2	0.9999999
## 42969	2	0.9999999
## 42970	4	0.9999999
## 42971	1	0.9999999
## 42972	2	0.9999999
## 42973	4	0.9999999
## 42974	4	0.9999999
## 42975	1	0.9999999
## 42976	2	0.9999999
## 42977	4	0.9999999
## 42978	0	0.9999998
## 42979	3	0.9999999
## 42980	2	0.9999999
## 42981	0	0.9999999
## 42982	2	0.9999999
## 42983	2	0.9999999
## 42984	2	0.9999999
## 42985	3	0.9999999
## 42986	4	0.9999998
## 42987	2	0.9999999
## 42988	0	0.9999999
## 42989	2	0.9999999
## 42990	3	0.9999999
## 42991	3	0.9999999
## 42992	2	0.9999999
## 42993	3	0.9999999
## 42994	3	0.9999999
## 42995	2	0.9999999
## 42996	3	0.9999999
## 42997	1	0.9999999
## 42998	3	0.9999999
## 42999	4	0.9999999
## 43000	2	0.9999998
## 43001	4	0.9999999
## 43002	2	0.9999999
## 43003	3	0.9999999
## 43004	4	0.9999999
## 43005	2	0.9999999
## 43006	4	0.9999999
## 43007	2	0.9999999
## 43008	2	0.9999999
## 43009	3	0.9999999
## 43010	4	0.9999999
## 43011	1	0.9999999
## 43012	2	0.9999999
## 43013	2	0.9999998

## 43014	2	0.9999999
## 43015	4	0.9999999
## 43016	3	0.9999999
## 43017	3	0.9999999
## 43018	1	0.9999999
## 43019	2	0.9999999
## 43020	2	0.9999999
## 43021	2	0.9999999
## 43022	4	0.9999999
## 43023	1	0.9999999
## 43024	2	0.9999999
## 43025	2	0.9999999
## 43026	3	0.9999998
## 43027	2	0.9999998
## 43028	4	0.9999999
## 43029	4	0.9999999
## 43030	1	0.9999999
## 43031	2	0.9999999
## 43032	1	0.9999999
## 43033	2	0.9999999
## 43034	4	0.9999999
## 43035	2	0.9999999
## 43036	2	0.9999999
## 43037	3	0.9999999
## 43038	2	0.9999999
## 43039	3	0.9999999
## 43040	3	0.9999999
## 43041	2	0.9999999
## 43042	2	0.9999999
## 43043	1	0.9999999
## 43044	4	0.9999999
## 43045	4	0.9999999
## 43046	2	0.9999999
## 43047	1	0.9999999
## 43048	1	0.9999999
## 43049	3	0.9999999
## 43050	1	0.9999999
## 43051	1	0.9999999
## 43052	4	0.9999999
## 43053	2	0.9999999
## 43054	3	0.9999999
## 43055	3	0.9999999
## 43056	2	0.9999999
## 43057	4	0.9999999
## 43058	3	0.9999999
## 43059	3	0.9999998
## 43060	1	0.9999999
## 43061	1	0.9999999
## 43062	0	0.9999999
## 43063	2	0.9999999
## 43064	2	0.9999999
## 43065	3	0.9999999
## 43066	4	0.9999999
## 43067	3	0.9999999

## 43068	3	0.9999999
## 43069	3	0.9999999
## 43070	4	0.9999999
## 43071	3	0.9999999
## 43072	4	0.9999999
## 43073	2	0.9999999
## 43074	4	0.9999999
## 43075	3	0.9999998
## 43076	3	0.9999999
## 43077	4	0.9999999
## 43078	2	0.9999999
## 43079	4	0.9999999
## 43080	2	0.9999999
## 43081	1	0.9999999
## 43082	3	0.9999999
## 43083	2	0.9999999
## 43084	3	0.9999999
## 43085	3	0.9999999
## 43086	2	0.9999999
## 43087	2	0.9999999
## 43088	4	0.9999999
## 43089	2	0.9999999
## 43090	3	0.9999999
## 43091	4	0.9999999
## 43092	1	0.9999999
## 43093	2	0.9999999
## 43094	2	0.9999999
## 43095	2	0.9999999
## 43096	2	0.9999999
## 43097	2	0.9999999
## 43098	1	0.9999999
## 43099	3	0.9999999
## 43100	1	0.9999999
## 43101	2	0.9999999
## 43102	4	0.9999999
## 43103	2	0.9999999
## 43104	3	0.9999999
## 43105	4	0.9999999
## 43106	4	0.9999999
## 43107	2	0.9999999
## 43108	2	0.9999999
## 43109	2	0.9999999
## 43110	4	0.9999999
## 43111	4	0.9999999
## 43112	2	0.9999999
## 43113	1	0.9999999
## 43114	2	0.9999999
## 43115	4	0.9999999
## 43116	3	0.9999998
## 43117	2	0.9999999
## 43118	0	0.9999999
## 43119	2	0.9999999
## 43120	2	0.9999999
## 43121	1	0.9999999

## 43122	2	0.9999999
## 43123	2	0.9999999
## 43124	4	0.9999999
## 43125	2	0.9999999
## 43126	4	0.9999999
## 43127	2	0.9999999
## 43128	2	0.9999999
## 43129	3	0.9999999
## 43130	2	0.9999999
## 43131	4	0.9999999
## 43132	3	0.9999999
## 43133	4	0.9999999
## 43134	2	0.9999999
## 43135	2	0.9999999
## 43136	3	0.9999999
## 43137	2	0.9999999
## 43138	2	0.9999999
## 43139	3	0.9999999
## 43140	4	0.9999999
## 43141	2	0.9999999
## 43142	2	0.9999999
## 43143	4	0.9999999
## 43144	3	0.9999999
## 43145	2	0.9999999
## 43146	2	0.9999999
## 43147	1	0.9999999
## 43148	3	0.9999999
## 43149	3	0.9999999
## 43150	4	0.9999999
## 43151	1	0.9999999
## 43152	1	0.9999999
## 43153	4	0.9999999
## 43154	1	0.9999999
## 43155	0	0.9999999
## 43156	3	0.9999999
## 43157	2	0.9999999
## 43158	2	0.9999999
## 43159	2	0.9999999
## 43160	3	0.9999999
## 43161	0	0.9999999
## 43162	4	0.9999999
## 43163	2	0.9999999
## 43164	2	0.9999999
## 43165	4	0.9999999
## 43166	2	0.9999999
## 43167	4	0.9999999
## 43168	3	0.9999999
## 43169	2	0.9999998
## 43170	1	0.9999999
## 43171	4	0.9999999
## 43172	3	0.9999999
## 43173	4	0.9999998
## 43174	4	0.9999999
## 43175	3	0.9999999

## 43176	0	0.9999999
## 43177	1	0.9999999
## 43178	2	0.9999999
## 43179	2	0.9999999
## 43180	3	0.9999998
## 43181	4	0.9999999
## 43182	2	0.9999999
## 43183	2	0.9999999
## 43184	2	0.9999999
## 43185	3	0.9999999
## 43186	2	0.9999999
## 43187	2	0.9999999
## 43188	3	0.9999999
## 43189	2	0.9999999
## 43190	3	0.9999998
## 43191	4	0.9999999
## 43192	4	0.9999999
## 43193	3	0.9999998
## 43194	1	0.9999999
## 43195	1	0.9999999
## 43196	4	0.9999999
## 43197	2	0.9999999
## 43198	4	0.9999999
## 43199	2	0.9999999
## 43200	3	0.9999999
## 43201	2	0.9999999
## 43202	3	0.9999999
## 43203	0	0.9999999
## 43204	2	0.9999999
## 43205	4	0.9999999
## 43206	4	0.9999999
## 43207	3	0.9999999
## 43208	2	0.9999999
## 43209	2	0.9999999
## 43210	2	0.9999999
## 43211	2	0.9999999
## 43212	1	0.9999999
## 43213	3	0.9999999
## 43214	4	0.9999999
## 43215	2	0.9999999
## 43216	4	0.9999999
## 43217	2	0.9999999
## 43218	2	0.9999999
## 43219	3	0.9999999
## 43220	3	0.9999999
## 43221	0	0.9999998
## 43222	2	0.9999999
## 43223	1	0.9999999
## 43224	3	0.9999999
## 43225	4	0.9999999
## 43226	2	0.9999999
## 43227	4	0.9999999
## 43228	3	0.9999999
## 43229	1	0.9999999

## 43230	2	0.9999999
## 43231	2	0.9999999
## 43232	1	0.9999999
## 43233	2	0.9999999
## 43234	3	0.9999999
## 43235	2	0.9999999
## 43236	2	0.9999999
## 43237	2	0.9999999
## 43238	4	0.9999999
## 43239	2	0.9999999
## 43240	2	0.9999999
## 43241	4	0.9999999
## 43242	1	0.9999999
## 43243	3	0.9999999
## 43244	2	0.9999999
## 43245	2	0.9999999
## 43246	1	0.9999999
## 43247	2	0.9999999
## 43248	2	0.9999999
## 43249	3	0.9999998
## 43250	2	0.9999999
## 43251	1	0.9999999
## 43252	2	0.9999999
## 43253	2	0.9999999
## 43254	3	0.9999999
## 43255	4	0.9999999
## 43256	2	0.9999999
## 43257	3	0.9999999
## 43258	2	0.9999999
## 43259	2	0.9999999
## 43260	3	0.9999999
## 43261	4	0.9999999
## 43262	2	0.9999999
## 43263	3	0.9999999
## 43264	4	0.9999999
## 43265	2	0.9999999
## 43266	2	0.9999999
## 43267	2	0.9999999
## 43268	4	0.9999999
## 43269	1	0.9999999
## 43270	2	0.9999999
## 43271	2	0.9999999
## 43272	3	0.9999999
## 43273	4	0.9999998
## 43274	2	0.9999999
## 43275	4	0.9999999
## 43276	2	0.9999999
## 43277	2	0.9999999
## 43278	4	0.9999999
## 43279	3	0.9999999
## 43280	3	0.9999999
## 43281	3	0.9999999
## 43282	2	0.9999999
## 43283	2	0.9999999

## 43284	2	0.9999999
## 43285	3	0.9999999
## 43286	3	0.9999999
## 43287	2	0.9999999
## 43288	4	0.9999999
## 43289	2	0.9999999
## 43290	3	0.9999999
## 43291	3	0.9999999
## 43292	3	0.9999999
## 43293	2	0.9999999
## 43294	3	0.9999998
## 43295	2	0.9999999
## 43296	3	0.9999998
## 43297	2	0.9999999
## 43298	4	0.9999999
## 43299	3	0.9999999
## 43300	3	0.9999999
## 43301	4	0.9999999
## 43302	2	0.9999999
## 43303	1	0.9999999
## 43304	4	0.9999999
## 43305	0	0.9999999
## 43306	3	0.9999999
## 43307	3	0.9999999
## 43308	2	0.9999999
## 43309	2	0.9999999
## 43310	2	0.9999999
## 43311	2	0.9999999
## 43312	3	0.9999999
## 43313	2	0.9999999
## 43314	2	0.9999999
## 43315	2	0.9999999
## 43316	3	0.9999999
## 43317	3	0.9999999
## 43318	2	0.9999999
## 43319	4	0.9999999
## 43320	3	0.9999999
## 43321	2	0.9999999
## 43322	2	0.9999999
## 43323	3	0.9999999
## 43324	2	0.9999999
## 43325	4	0.9999999
## 43326	2	0.9999999
## 43327	2	0.9999999
## 43328	4	0.9999999
## 43329	2	0.9999999
## 43330	2	0.9999999
## 43331	2	0.9999999
## 43332	2	0.9999999
## 43333	2	0.9999998
## 43334	3	0.9999999
## 43335	3	0.9999999
## 43336	2	0.9999998
## 43337	0	0.9999999

## 43338	0	0.9999999
## 43339	4	0.9999999
## 43340	0	0.9999999
## 43341	4	0.9999999
## 43342	1	0.9999999
## 43343	3	0.9999999
## 43344	3	0.9999999
## 43345	2	0.9999999
## 43346	3	0.9999999
## 43347	1	0.9999999
## 43348	2	0.9999999
## 43349	2	0.9999999
## 43350	2	0.9999999
## 43351	2	0.9999999
## 43352	3	0.9999999
## 43353	2	0.9999999
## 43354	2	0.9999999
## 43355	2	0.9999999
## 43356	4	0.9999999
## 43357	4	0.9999999
## 43358	4	0.9999999
## 43359	3	0.9999999
## 43360	4	0.9999999
## 43361	3	0.9999999
## 43362	2	0.9999999
## 43363	2	0.9999999
## 43364	2	0.9999999
## 43365	2	0.9999999
## 43366	0	0.9999999
## 43367	4	0.9999999
## 43368	2	0.9999999
## 43369	3	0.9999999
## 43370	2	0.9999999
## 43371	2	0.9999999
## 43372	2	0.9999999
## 43373	2	0.9999999
## 43374	2	0.9999999
## 43375	3	0.9999999
## 43376	3	0.9999999
## 43377	2	0.9999999
## 43378	1	0.9999999
## 43379	2	0.9999999
## 43380	0	0.9999999
## 43381	3	0.9999999
## 43382	2	0.9999999
## 43383	2	0.9999999
## 43384	4	0.9999999
## 43385	2	0.9999999
## 43386	3	0.9999999
## 43387	4	0.9999999
## 43388	1	0.9999999
## 43389	1	0.9999999
## 43390	0	0.9999999
## 43391	3	0.9999999

## 43392	1	0.9999999
## 43393	2	0.9999999
## 43394	3	0.9999999
## 43395	2	0.9999999
## 43396	4	0.9999999
## 43397	3	0.9999999
## 43398	3	0.9999999
## 43399	2	0.9999999
## 43400	2	0.9999999
## 43401	2	0.9999999
## 43402	4	0.9999999
## 43403	1	0.9999999
## 43404	2	0.9999999
## 43405	3	0.9999999
## 43406	2	0.9999999
## 43407	2	0.9999999
## 43408	1	0.9999999
## 43409	3	0.9999999
## 43410	2	0.9999999
## 43411	2	0.9999999
## 43412	2	0.9999999
## 43413	1	0.9999999
## 43414	1	0.9999999
## 43415	2	0.9999999
## 43416	2	0.9999999
## 43417	2	0.9999999
## 43418	2	0.9999999
## 43419	2	0.9999999
## 43420	4	0.9999999
## 43421	0	0.9999999
## 43422	1	0.9999999
## 43423	3	0.9999999
## 43424	4	0.9999999
## 43425	2	0.9999999
## 43426	1	0.9999999
## 43427	2	0.9999999
## 43428	4	0.9999999
## 43429	2	0.9999999
## 43430	2	0.9999999
## 43431	4	0.9999999
## 43432	4	0.9999999
## 43433	2	0.9999999
## 43434	3	0.9999999
## 43435	1	0.9999999
## 43436	4	0.9999999
## 43437	0	0.9999999
## 43438	2	0.9999999
## 43439	2	0.9999999
## 43440	4	0.9999999
## 43441	4	0.9999998
## 43442	3	0.9999999
## 43443	4	0.9999999
## 43444	3	0.9999999
## 43445	3	0.9999999

## 43446	1	0.9999999
## 43447	4	0.9999999
## 43448	3	0.9999999
## 43449	3	0.9999999
## 43450	2	0.9999999
## 43451	3	0.9999999
## 43452	3	0.9999998
## 43453	4	0.9999999
## 43454	3	0.9999999
## 43455	4	0.9999999
## 43456	4	0.9999999
## 43457	4	0.9999999
## 43458	4	0.9999999
## 43459	1	0.9999999
## 43460	4	0.9999999
## 43461	2	0.9999999
## 43462	2	0.9999999
## 43463	4	0.9999999
## 43464	3	0.9999999
## 43465	3	0.9999999
## 43466	3	0.9999999
## 43467	4	0.9999999
## 43468	4	0.9999998
## 43469	2	0.9999999
## 43470	4	0.9999999
## 43471	2	0.9999999
## 43472	3	0.9999999
## 43473	2	0.9999999
## 43474	4	0.9999999
## 43475	3	0.9999999
## 43476	2	0.9999999
## 43477	2	0.9999999
## 43478	3	0.9999999
## 43479	1	0.9999999
## 43480	4	0.9999999
## 43481	3	0.9999999
## 43482	2	0.9999999
## 43483	2	0.9999998
## 43484	1	0.9999999
## 43485	2	0.9999999
## 43486	2	0.9999999
## 43487	3	0.9999999
## 43488	1	0.9999999
## 43489	3	0.9999999
## 43490	2	0.9999999
## 43491	4	0.9999999
## 43492	3	0.9999999
## 43493	4	0.9999999
## 43494	2	0.9999999
## 43495	3	0.9999999
## 43496	4	0.9999999
## 43497	1	0.9999999
## 43498	2	0.9999999
## 43499	2	0.9999999

## 43500	3	0.9999999
## 43501	3	0.9999999
## 43502	2	0.9999999
## 43503	4	0.9999999
## 43504	2	0.9999999
## 43505	3	0.9999999
## 43506	4	0.9999999
## 43507	2	0.9999999
## 43508	1	0.9999999
## 43509	4	0.9999999
## 43510	2	0.9999999
## 43511	3	0.9999999
## 43512	2	0.9999999
## 43513	4	0.9999999
## 43514	2	0.9999999
## 43515	3	0.9999999
## 43516	3	0.9999999
## 43517	2	0.9999999
## 43518	4	0.9999999
## 43519	4	0.9999999
## 43520	3	0.9999998
## 43521	2	0.9999999
## 43522	2	0.9999999
## 43523	3	0.9999999
## 43524	2	0.9999999
## 43525	3	0.9999998
## 43526	2	0.9999999
## 43527	1	0.9999999
## 43528	4	0.9999999
## 43529	4	0.9999999
## 43530	1	0.9999999
## 43531	4	0.9999999
## 43532	3	0.9999999
## 43533	4	0.9999999
## 43534	3	0.9999999
## 43535	4	0.9999999
## 43536	2	0.9999999
## 43537	1	0.9999999
## 43538	4	0.9999999
## 43539	2	0.9999999
## 43540	1	0.9999999
## 43541	2	0.9999999
## 43542	2	0.9999999
## 43543	2	0.9999998
## 43544	1	0.9999999
## 43545	4	0.9999999
## 43546	3	0.9999999
## 43547	2	0.9999999
## 43548	2	0.9999999
## 43549	2	0.9999999
## 43550	4	0.9999999
## 43551	3	0.9999999
## 43552	2	0.9999999
## 43553	2	0.9999999

## 43554	4	0.9999999
## 43555	3	0.9999999
## 43556	2	0.9999999
## 43557	2	0.9999999
## 43558	3	0.9999998
## 43559	2	0.9999999
## 43560	0	0.9999999
## 43561	4	0.9999999
## 43562	3	0.9999999
## 43563	1	0.9999999
## 43564	2	0.9999999
## 43565	4	0.9999999
## 43566	3	0.9999999
## 43567	2	0.9999999
## 43568	3	0.9999999
## 43569	4	0.9999999
## 43570	2	0.9999999
## 43571	2	0.9999999
## 43572	4	0.9999999
## 43573	2	0.9999999
## 43574	2	0.9999999
## 43575	4	0.9999999
## 43576	2	0.9999999
## 43577	2	0.9999999
## 43578	2	0.9999999
## 43579	2	0.9999999
## 43580	1	0.9999999
## 43581	2	0.9999999
## 43582	3	0.9999999
## 43583	2	0.9999999
## 43584	2	0.9999999
## 43585	2	0.9999999
## 43586	4	0.9999999
## 43587	3	0.9999999
## 43588	4	0.9999999
## 43589	2	0.9999999
## 43590	2	0.9999999
## 43591	2	0.9999999
## 43592	2	0.9999999
## 43593	4	0.9999999
## 43594	4	0.9999999
## 43595	1	0.9999999
## 43596	1	0.9999999
## 43597	3	0.9999999
## 43598	3	0.9999999
## 43599	1	0.9999999
## 43600	4	0.9999999
## 43601	3	0.9999999
## 43602	4	0.9999999
## 43603	2	0.9999999
## 43604	2	0.9999999
## 43605	2	0.9999999
## 43606	2	0.9999999
## 43607	1	0.9999998

## 43608	4	0.9999999
## 43609	3	0.9999999
## 43610	2	0.9999999
## 43611	2	0.9999999
## 43612	3	0.9999999
## 43613	2	0.9999999
## 43614	2	0.9999999
## 43615	4	0.9999999
## 43616	3	0.9999999
## 43617	3	0.9999999
## 43618	0	0.9999999
## 43619	2	0.9999999
## 43620	3	0.9999999
## 43621	3	0.9999999
## 43622	3	0.9999999
## 43623	2	0.9999999
## 43624	4	0.9999999
## 43625	3	0.9999999
## 43626	1	0.9999999
## 43627	4	0.9999999
## 43628	4	0.9999999
## 43629	2	0.9999999
## 43630	3	0.9999999
## 43631	2	0.9999999
## 43632	0	0.9999999
## 43633	2	0.9999999
## 43634	3	0.9999999
## 43635	4	0.9999999
## 43636	2	0.9999999
## 43637	3	0.9999998
## 43638	3	0.9999999
## 43639	3	0.9999998
## 43640	2	0.9999999
## 43641	2	0.9999999
## 43642	2	0.9999999
## 43643	4	0.9999999
## 43644	4	0.9999999
## 43645	2	0.9999999
## 43646	2	0.9999999
## 43647	4	0.9999999
## 43648	1	0.9999999
## 43649	2	0.9999999
## 43650	3	0.9999999
## 43651	2	0.9999999
## 43652	3	0.9999999
## 43653	1	0.9999999
## 43654	4	0.9999999
## 43655	2	0.9999999
## 43656	3	0.9999999
## 43657	2	0.9999999
## 43658	2	0.9999999
## 43659	2	0.9999999
## 43660	2	0.9999999
## 43661	4	0.9999999

## 43662	2	0.9999999
## 43663	1	0.9999999
## 43664	3	0.9999999
## 43665	2	0.9999999
## 43666	1	0.9999999
## 43667	2	0.9999999
## 43668	2	0.9999999
## 43669	3	0.9999999
## 43670	3	0.9999999
## 43671	2	0.9999999
## 43672	2	0.9999999
## 43673	4	0.9999999
## 43674	3	0.9999999
## 43675	1	0.9999999
## 43676	1	0.9999999
## 43677	1	0.9999999
## 43678	2	0.9999999
## 43679	2	0.9999999
## 43680	2	0.9999999
## 43681	2	0.9999999
## 43682	4	0.9999999
## 43683	3	0.9999999
## 43684	2	0.9999999
## 43685	2	0.9999999
## 43686	4	0.9999999
## 43687	3	0.9999999
## 43688	4	0.9999999
## 43689	4	0.9999999
## 43690	4	0.9999999
## 43691	3	0.9999999
## 43692	2	0.9999999
## 43693	2	0.9999999
## 43694	3	0.9999999
## 43695	3	0.9999999
## 43696	4	0.9999999
## 43697	3	0.9999998
## 43698	1	0.9999999
## 43699	3	0.9999999
## 43700	2	0.9999999
## 43701	2	0.9999999
## 43702	3	0.9999999
## 43703	1	0.9999999
## 43704	3	0.9999999
## 43705	3	0.9999999
## 43706	4	0.9999999
## 43707	2	0.9999999
## 43708	0	0.9999999
## 43709	2	0.9999999
## 43710	2	0.9999999
## 43711	2	0.9999999
## 43712	2	0.9999999
## 43713	4	0.9999999
## 43714	0	0.9999999
## 43715	2	0.9999999

## 43716	2	0.9999999
## 43717	3	0.9999999
## 43718	3	0.9999999
## 43719	1	0.9999999
## 43720	4	0.9999999
## 43721	3	0.9999999
## 43722	4	0.9999999
## 43723	3	0.9999999
## 43724	2	0.9999999
## 43725	2	0.9999999
## 43726	2	0.9999999
## 43727	1	0.9999999
## 43728	2	0.9999999
## 43729	2	0.9999999
## 43730	1	0.9999999
## 43731	4	0.9999998
## 43732	2	0.9999999
## 43733	2	0.9999999
## 43734	2	0.9999999
## 43735	1	0.9999999
## 43736	2	0.9999999
## 43737	2	0.9999999
## 43738	3	0.9999999
## 43739	2	0.9999999
## 43740	4	0.9999999
## 43741	2	0.9999999
## 43742	4	0.9999999
## 43743	1	0.9999998
## 43744	4	0.9999999
## 43745	2	0.9999999
## 43746	2	0.9999999
## 43747	2	0.9999999
## 43748	2	0.9999999
## 43749	3	0.9999999
## 43750	4	0.9999999
## 43751	2	0.9999999
## 43752	4	0.9999999
## 43753	0	0.9999999
## 43754	3	0.9999999
## 43755	2	0.9999999
## 43756	3	0.9999999
## 43757	3	0.9999999
## 43758	4	0.9999999
## 43759	2	0.9999999
## 43760	1	0.9999999
## 43761	1	0.9999999
## 43762	2	0.9999999
## 43763	4	0.9999999
## 43764	3	0.9999999
## 43765	1	0.9999999
## 43766	3	0.9999999
## 43767	3	0.9999999
## 43768	4	0.9999999
## 43769	1	0.9999999

## 43770	3	0.9999999
## 43771	2	0.9999999
## 43772	2	0.9999999
## 43773	3	0.9999999
## 43774	4	0.9999999
## 43775	4	0.9999999
## 43776	2	0.9999999
## 43777	2	0.9999999
## 43778	4	0.9999998
## 43779	4	0.9999999
## 43780	3	0.9999999
## 43781	2	0.9999999
## 43782	3	0.9999999
## 43783	2	0.9999999
## 43784	3	0.9999999
## 43785	4	0.9999999
## 43786	3	0.9999999
## 43787	3	0.9999999
## 43788	4	0.9999999
## 43789	3	0.9999999
## 43790	4	0.9999999
## 43791	2	0.9999999
## 43792	1	0.9999999
## 43793	2	0.9999999
## 43794	4	0.9999999
## 43795	3	0.9999999
## 43796	4	0.9999999
## 43797	4	0.9999999
## 43798	2	0.9999999
## 43799	2	0.9999999
## 43800	3	0.9999999
## 43801	2	0.9999999
## 43802	3	0.9999999
## 43803	2	0.9999999
## 43804	2	0.9999999
## 43805	2	0.9999999
## 43806	4	0.9999999
## 43807	2	0.9999999
## 43808	2	0.9999999
## 43809	3	0.9999999
## 43810	3	0.9999999
## 43811	2	0.9999999
## 43812	4	0.9999999
## 43813	4	0.9999999
## 43814	1	0.9999999
## 43815	4	0.9999999
## 43816	2	0.9999999
## 43817	2	0.9999999
## 43818	2	0.9999999
## 43819	2	0.9999999
## 43820	2	0.9999999
## 43821	2	0.9999999
## 43822	4	0.9999999
## 43823	2	0.9999999

## 43824	4	0.9999999
## 43825	3	0.9999999
## 43826	1	0.9999999
## 43827	2	0.9999999
## 43828	2	0.9999999
## 43829	4	0.9999999
## 43830	3	0.9999999
## 43831	2	0.9999999
## 43832	2	0.9999999
## 43833	2	0.9999998
## 43834	2	0.9999999
## 43835	2	0.9999999
## 43836	2	0.9999999
## 43837	2	0.9999999
## 43838	3	0.9999999
## 43839	3	0.9999999
## 43840	0	0.9999999
## 43841	2	0.9999999
## 43842	2	0.9999999
## 43843	3	0.9999999
## 43844	2	0.9999999
## 43845	2	0.9999999
## 43846	2	0.9999999
## 43847	2	0.9999998
## 43848	4	0.9999999
## 43849	2	0.9999999
## 43850	3	0.9999999
## 43851	3	0.9999999
## 43852	3	0.9999999
## 43853	3	0.9999999
## 43854	2	0.9999999
## 43855	3	0.9999999
## 43856	4	0.9999998
## 43857	3	0.9999999
## 43858	3	0.9999999
## 43859	4	0.9999999
## 43860	1	0.9999999
## 43861	2	0.9999999
## 43862	3	0.9999999
## 43863	2	0.9999999
## 43864	3	0.9999999
## 43865	2	0.9999998
## 43866	4	0.9999999
## 43867	3	0.9999999
## 43868	2	0.9999999
## 43869	4	0.9999999
## 43870	1	0.9999999
## 43871	4	0.9999999
## 43872	4	0.9999999
## 43873	2	0.9999999
## 43874	3	0.9999999
## 43875	2	0.9999998
## 43876	4	0.9999998
## 43877	1	0.9999999

## 43878	2	0.9999999
## 43879	2	0.9999999
## 43880	2	0.9999999
## 43881	2	0.9999999
## 43882	3	0.9999999
## 43883	2	0.9999999
## 43884	3	0.9999999
## 43885	0	0.9999999
## 43886	2	0.9999999
## 43887	2	0.9999999
## 43888	1	0.9999999
## 43889	4	0.9999999
## 43890	2	0.9999999
## 43891	4	0.9999999
## 43892	3	0.9999999
## 43893	2	0.9999999
## 43894	2	0.9999999
## 43895	2	0.9999999
## 43896	0	0.9999999
## 43897	2	0.9999999
## 43898	2	0.9999999
## 43899	3	0.9999999
## 43900	2	0.9999999
## 43901	4	0.9999999
## 43902	4	0.9999999
## 43903	2	0.9999999
## 43904	4	0.9999999
## 43905	4	0.9999999
## 43906	3	0.9999999
## 43907	2	0.9999999
## 43908	2	0.9999999
## 43909	2	0.9999999
## 43910	2	0.9999999
## 43911	2	0.9999999
## 43912	2	0.9999998
## 43913	4	0.9999999
## 43914	2	0.9999999
## 43915	1	0.9999999
## 43916	4	0.9999999
## 43917	2	0.9999999
## 43918	2	0.9999999
## 43919	1	0.9999999
## 43920	2	0.9999999
## 43921	2	0.9999999
## 43922	2	0.9999999
## 43923	4	0.9999999
## 43924	2	0.9999999
## 43925	3	0.9999999
## 43926	2	0.9999999
## 43927	3	0.9999999
## 43928	4	0.9999999
## 43929	3	0.9999998
## 43930	4	0.9999999
## 43931	2	0.9999998

## 43932	4	0.9999999
## 43933	2	0.9999999
## 43934	2	0.9999999
## 43935	4	0.9999999
## 43936	4	0.9999999
## 43937	3	0.9999999
## 43938	2	0.9999999
## 43939	2	0.9999999
## 43940	2	0.9999999
## 43941	3	0.9999999
## 43942	4	0.9999999
## 43943	3	0.9999999
## 43944	3	0.9999999
## 43945	2	0.9999999
## 43946	3	0.9999999
## 43947	4	0.9999999
## 43948	4	0.9999999
## 43949	2	0.9999999
## 43950	2	0.9999999
## 43951	2	0.9999999
## 43952	3	0.9999999
## 43953	3	0.9999999
## 43954	4	0.9999999
## 43955	3	0.9999999
## 43956	3	0.9999999
## 43957	4	0.9999999
## 43958	1	0.9999999
## 43959	3	0.9999999
## 43960	4	0.9999999
## 43961	2	0.9999999
## 43962	3	0.9999999
## 43963	3	0.9999999
## 43964	2	0.9999999
## 43965	4	0.9999999
## 43966	2	0.9999999
## 43967	2	0.9999999
## 43968	3	0.9999999
## 43969	2	0.9999999
## 43970	2	0.9999999
## 43971	0	0.9999999
## 43972	2	0.9999999
## 43973	3	0.9999999
## 43974	1	0.9999999
## 43975	2	0.9999999
## 43976	3	0.9999999
## 43977	1	0.9999999
## 43978	3	0.9999999
## 43979	3	0.9999999
## 43980	2	0.9999999
## 43981	3	0.9999999
## 43982	4	0.9999999
## 43983	3	0.9999999
## 43984	2	0.9999999
## 43985	2	0.9999999

## 43986	3	0.9999999
## 43987	3	0.9999999
## 43988	1	0.9999999
## 43989	1	0.9999999
## 43990	4	0.9999998
## 43991	4	0.9999999
## 43992	4	0.9999999
## 43993	2	0.9999999
## 43994	3	0.9999999
## 43995	2	0.9999999
## 43996	1	0.9999999
## 43997	1	0.9999999
## 43998	2	0.9999999
## 43999	3	0.9999999
## 44000	2	0.9999999
## 44001	2	0.9999999
## 44002	0	0.9999998
## 44003	2	0.9999999
## 44004	3	0.9999999
## 44005	1	0.9999999
## 44006	2	0.9999999
## 44007	4	0.9999999
## 44008	2	0.9999999
## 44009	2	0.9999999
## 44010	1	0.9999999
## 44011	2	0.9999999
## 44012	2	0.9999999
## 44013	3	0.9999999
## 44014	3	0.9999999
## 44015	1	0.9999999
## 44016	3	0.9999998
## 44017	1	0.9999999
## 44018	4	0.9999999
## 44019	2	0.9999999
## 44020	4	0.9999999
## 44021	2	0.9999999
## 44022	3	0.9999999
## 44023	3	0.9999999
## 44024	2	0.9999999
## 44025	4	0.9999998
## 44026	2	0.9999999
## 44027	4	0.9999999
## 44028	3	0.9999999
## 44029	2	0.9999999
## 44030	2	0.9999999
## 44031	4	0.9999999
## 44032	3	0.9999999
## 44033	4	0.9999999
## 44034	3	0.9999999
## 44035	2	0.9999999
## 44036	2	0.9999999
## 44037	1	0.9999999
## 44038	3	0.9999999
## 44039	2	0.9999999

## 44040	2	0.9999999
## 44041	3	0.9999998
## 44042	4	0.9999999
## 44043	2	0.9999999
## 44044	3	0.9999999
## 44045	2	0.9999999
## 44046	2	0.9999999
## 44047	2	0.9999999
## 44048	2	0.9999999
## 44049	2	0.9999999
## 44050	0	0.9999998
## 44051	1	0.9999999
## 44052	1	0.9999999
## 44053	4	0.9999999
## 44054	4	0.9999999
## 44055	2	0.9999999
## 44056	2	0.9999999
## 44057	2	0.9999999
## 44058	4	0.9999999
## 44059	4	0.9999999
## 44060	3	0.9999999
## 44061	2	0.9999999
## 44062	4	0.9999999
## 44063	4	0.9999999
## 44064	2	0.9999999
## 44065	4	0.9999999
## 44066	3	0.9999999
## 44067	3	0.9999999
## 44068	2	0.9999999
## 44069	0	0.9999999
## 44070	2	0.9999999
## 44071	1	0.9999999
## 44072	3	0.9999999
## 44073	2	0.9999998
## 44074	1	0.9999999
## 44075	4	0.9999999
## 44076	3	0.9999999
## 44077	3	0.9999998
## 44078	3	0.9999999
## 44079	3	0.9999999
## 44080	1	0.9999999
## 44081	2	0.9999999
## 44082	1	0.9999998
## 44083	3	0.9999999
## 44084	0	0.9999999
## 44085	2	0.9999999
## 44086	2	0.9999999
## 44087	3	0.9999999
## 44088	2	0.9999999
## 44089	4	0.9999999
## 44090	2	0.9999999
## 44091	4	0.9999999
## 44092	2	0.9999999
## 44093	4	0.9999999

## 44094	3	0.9999999
## 44095	0	0.9999999
## 44096	4	0.9999999
## 44097	3	0.9999999
## 44098	4	0.9999999
## 44099	2	0.9999999
## 44100	3	0.9999999
## 44101	3	0.9999999
## 44102	2	0.9999999
## 44103	2	0.9999999
## 44104	2	0.9999998
## 44105	2	0.9999999
## 44106	3	0.9999999
## 44107	1	0.9999999
## 44108	3	0.9999999
## 44109	2	0.9999999
## 44110	1	0.9999999
## 44111	2	0.9999999
## 44112	3	0.9999999
## 44113	2	0.9999999
## 44114	4	0.9999999
## 44115	3	0.9999999
## 44116	2	0.9999999
## 44117	1	0.9999999
## 44118	3	0.9999999
## 44119	1	0.9999999
## 44120	3	0.9999999
## 44121	4	0.9999999
## 44122	3	0.9999999
## 44123	1	0.9999999
## 44124	4	0.9999999
## 44125	4	0.9999999
## 44126	1	0.9999999
## 44127	2	0.9999999
## 44128	2	0.9999999
## 44129	2	0.9999999
## 44130	2	0.9999999
## 44131	2	0.9999999
## 44132	4	0.9999999
## 44133	2	0.9999999
## 44134	2	0.9999999
## 44135	2	0.9999999
## 44136	1	0.9999999
## 44137	3	0.9999999
## 44138	2	0.9999999
## 44139	2	0.9999999
## 44140	2	0.9999999
## 44141	4	0.9999999
## 44142	4	0.9999999
## 44143	2	0.9999999
## 44144	4	0.9999999
## 44145	3	0.9999999
## 44146	2	0.9999999
## 44147	3	0.9999999

## 44148	2	0.9999999
## 44149	3	0.9999999
## 44150	4	0.9999999
## 44151	2	0.9999999
## 44152	2	0.9999999
## 44153	4	0.9999999
## 44154	3	0.9999999
## 44155	2	0.9999999
## 44156	2	0.9999999
## 44157	4	0.9999999
## 44158	2	0.9999999
## 44159	3	0.9999999
## 44160	2	0.9999999
## 44161	1	0.9999999
## 44162	4	0.9999999
## 44163	2	0.9999999
## 44164	2	0.9999999
## 44165	2	0.9999999
## 44166	2	0.9999999
## 44167	2	0.9999999
## 44168	2	0.9999999
## 44169	4	0.9999999
## 44170	2	0.9999999
## 44171	2	0.9999999
## 44172	2	0.9999999
## 44173	4	0.9999999
## 44174	3	0.9999999
## 44175	2	0.9999999
## 44176	3	0.9999999
## 44177	2	0.9999999
## 44178	2	0.9999999
## 44179	2	0.9999999
## 44180	3	0.9999999
## 44181	2	0.9999999
## 44182	3	0.9999999
## 44183	3	0.9999999
## 44184	2	0.9999999
## 44185	3	0.9999999
## 44186	2	0.9999999
## 44187	2	0.9999999
## 44188	2	0.9999999
## 44189	3	0.9999999
## 44190	4	0.9999999
## 44191	2	0.9999999
## 44192	2	0.9999999
## 44193	3	0.9999999
## 44194	3	0.9999999
## 44195	3	0.9999999
## 44196	2	0.9999999
## 44197	2	0.9999999
## 44198	4	0.9999999
## 44199	2	0.9999999
## 44200	4	0.9999999
## 44201	2	0.9999999

## 44202	1	0.9999999
## 44203	2	0.9999999
## 44204	3	0.9999999
## 44205	4	0.9999999
## 44206	2	0.9999999
## 44207	4	0.9999999
## 44208	2	0.9999999
## 44209	2	0.9999999
## 44210	4	0.9999999
## 44211	3	0.9999999
## 44212	2	0.9999999
## 44213	2	0.9999999
## 44214	4	0.9999999
## 44215	2	0.9999999
## 44216	4	0.9999999
## 44217	2	0.9999999
## 44218	3	0.9999999
## 44219	4	0.9999999
## 44220	2	0.9999999
## 44221	3	0.9999999
## 44222	2	0.9999999
## 44223	4	0.9999999
## 44224	1	0.9999998
## 44225	2	0.9999999
## 44226	2	0.9999999
## 44227	2	0.9999999
## 44228	2	0.9999999
## 44229	3	0.9999999
## 44230	2	0.9999999
## 44231	4	0.9999999
## 44232	4	0.9999999
## 44233	3	0.9999999
## 44234	0	0.9999999
## 44235	2	0.9999999
## 44236	2	0.9999999
## 44237	4	0.9999999
## 44238	2	0.9999999
## 44239	4	0.9999999
## 44240	2	0.9999999
## 44241	4	0.9999999
## 44242	4	0.9999999
## 44243	2	0.9999999
## 44244	2	0.9999999
## 44245	4	0.9999999
## 44246	2	0.9999999
## 44247	1	0.9999999
## 44248	3	0.9999999
## 44249	2	0.9999999
## 44250	4	0.9999999
## 44251	4	0.9999999
## 44252	4	0.9999999
## 44253	4	0.9999999
## 44254	2	0.9999999
## 44255	2	0.9999999

## 44256	4	0.9999999
## 44257	2	0.9999998
## 44258	3	0.9999999
## 44259	2	0.9999999
## 44260	4	0.9999999
## 44261	2	0.9999999
## 44262	3	0.9999999
## 44263	3	0.9999999
## 44264	3	0.9999999
## 44265	2	0.9999999
## 44266	4	0.9999999
## 44267	4	0.9999999
## 44268	2	0.9999999
## 44269	0	0.9999999
## 44270	1	0.9999999
## 44271	2	0.9999999
## 44272	3	0.9999999
## 44273	1	0.9999999
## 44274	4	0.9999999
## 44275	1	0.9999999
## 44276	4	0.9999999
## 44277	4	0.9999999
## 44278	3	0.9999999
## 44279	2	0.9999999
## 44280	4	0.9999999
## 44281	2	0.9999999
## 44282	2	0.9999999
## 44283	2	0.9999999
## 44284	2	0.9999999
## 44285	4	0.9999999
## 44286	1	0.9999998
## 44287	2	0.9999999
## 44288	4	0.9999999
## 44289	1	0.9999999
## 44290	1	0.9999999
## 44291	4	0.9999999
## 44292	2	0.9999999
## 44293	2	0.9999999
## 44294	2	0.9999998
## 44295	2	0.9999999
## 44296	2	0.9999999
## 44297	0	0.9999999
## 44298	1	0.9999999
## 44299	4	0.9999999
## 44300	0	0.9999999
## 44301	2	0.9999999
## 44302	1	0.9999999
## 44303	1	0.9999999
## 44304	2	0.9999999
## 44305	2	0.9999998
## 44306	4	0.9999999
## 44307	4	0.9999999
## 44308	2	0.9999999
## 44309	2	0.9999999

## 44310	4	0.9999999
## 44311	2	0.9999999
## 44312	1	0.9999999
## 44313	1	0.9999999
## 44314	3	0.9999999
## 44315	3	0.9999999
## 44316	4	0.9999999
## 44317	2	0.9999999
## 44318	4	0.9999999
## 44319	1	0.9999999
## 44320	1	0.9999999
## 44321	2	0.9999999
## 44322	4	0.9999999
## 44323	2	0.9999999
## 44324	2	0.9999999
## 44325	2	0.9999999
## 44326	2	0.9999999
## 44327	3	0.9999999
## 44328	4	0.9999999
## 44329	2	0.9999999
## 44330	1	0.9999999
## 44331	4	0.9999999
## 44332	4	0.9999999
## 44333	4	0.9999999
## 44334	4	0.9999999
## 44335	4	0.9999999
## 44336	1	0.9999999
## 44337	3	0.9999999
## 44338	2	0.9999999
## 44339	3	0.9999999
## 44340	2	0.9999998
## 44341	2	0.9999999
## 44342	4	0.9999999
## 44343	4	0.9999999
## 44344	3	0.9999998
## 44345	4	0.9999999
## 44346	2	0.9999999
## 44347	3	0.9999999
## 44348	2	0.9999999
## 44349	1	0.9999999
## 44350	2	0.9999999
## 44351	4	0.9999999
## 44352	2	0.9999999
## 44353	3	0.9999999
## 44354	1	0.9999999
## 44355	4	0.9999999
## 44356	3	0.9999999
## 44357	4	0.9999999
## 44358	2	0.9999999
## 44359	3	0.9999999
## 44360	3	0.9999999
## 44361	2	0.9999999
## 44362	2	0.9999999
## 44363	2	0.9999999

## 44364	2	0.9999999
## 44365	2	0.9999999
## 44366	4	0.9999998
## 44367	4	0.9999999
## 44368	4	0.9999999
## 44369	1	0.9999999
## 44370	2	0.9999999
## 44371	3	0.9999999
## 44372	4	0.9999999
## 44373	3	0.9999999
## 44374	2	0.9999999
## 44375	2	0.9999999
## 44376	3	0.9999999
## 44377	2	0.9999999
## 44378	4	0.9999999
## 44379	1	0.9999999
## 44380	4	0.9999999
## 44381	2	0.9999999
## 44382	3	0.9999999
## 44383	2	0.9999999
## 44384	2	0.9999999
## 44385	1	0.9999998
## 44386	4	0.9999999
## 44387	1	0.9999999
## 44388	3	0.9999999
## 44389	3	0.9999999
## 44390	2	0.9999998
## 44391	4	0.9999999
## 44392	1	0.9999999
## 44393	4	0.9999999
## 44394	2	0.9999999
## 44395	2	0.9999999
## 44396	1	0.9999999
## 44397	4	0.9999999
## 44398	2	0.9999999
## 44399	4	0.9999999
## 44400	3	0.9999999
## 44401	4	0.9999999
## 44402	2	0.9999999
## 44403	4	0.9999999
## 44404	3	0.9999999
## 44405	1	0.9999999
## 44406	4	0.9999999
## 44407	3	0.9999999
## 44408	1	0.9999999
## 44409	2	0.9999998
## 44410	1	0.9999999
## 44411	1	0.9999999
## 44412	4	0.9999999
## 44413	2	0.9999999
## 44414	4	0.9999999
## 44415	4	0.9999999
## 44416	0	0.9999999
## 44417	3	0.9999999

## 44418	2	0.9999999
## 44419	2	0.9999998
## 44420	3	0.9999999
## 44421	4	0.9999999
## 44422	2	0.9999999
## 44423	4	0.9999999
## 44424	1	0.9999999
## 44425	4	0.9999999
## 44426	4	0.9999999
## 44427	2	0.9999999
## 44428	2	0.9999999
## 44429	1	0.9999999
## 44430	3	0.9999999
## 44431	2	0.9999999
## 44432	3	0.9999999
## 44433	2	0.9999999
## 44434	2	0.9999999
## 44435	3	0.9999999
## 44436	2	0.9999999
## 44437	2	0.9999999
## 44438	2	0.9999999
## 44439	2	0.9999999
## 44440	4	0.9999999
## 44441	2	0.9999999
## 44442	2	0.9999999
## 44443	3	0.9999999
## 44444	2	0.9999999
## 44445	4	0.9999999
## 44446	4	0.9999999
## 44447	3	0.9999999
## 44448	1	0.9999999
## 44449	4	0.9999999
## 44450	1	0.9999999
## 44451	4	0.9999999
## 44452	4	0.9999999
## 44453	2	0.9999999
## 44454	3	0.9999999
## 44455	2	0.9999999
## 44456	3	0.9999999
## 44457	2	0.9999999
## 44458	2	0.9999999
## 44459	2	0.9999999
## 44460	4	0.9999999
## 44461	2	0.9999999
## 44462	3	0.9999999
## 44463	0	0.9999999
## 44464	2	0.9999999
## 44465	4	0.9999999
## 44466	1	0.9999999
## 44467	2	0.9999999
## 44468	4	0.9999999
## 44469	3	0.9999999
## 44470	3	0.9999999
## 44471	4	0.9999999

## 44472	4	0.9999998
## 44473	2	0.9999999
## 44474	2	0.9999999
## 44475	3	0.9999998
## 44476	2	0.9999999
## 44477	3	0.9999999
## 44478	3	0.9999999
## 44479	3	0.9999999
## 44480	4	0.9999999
## 44481	2	0.9999999
## 44482	2	0.9999999
## 44483	2	0.9999999
## 44484	1	0.9999999
## 44485	4	0.9999999
## 44486	2	0.9999998
## 44487	2	0.9999999
## 44488	3	0.9999999
## 44489	4	0.9999999
## 44490	4	0.9999999
## 44491	1	0.9999999
## 44492	3	0.9999999
## 44493	2	0.9999999
## 44494	3	0.9999999
## 44495	2	0.9999999
## 44496	2	0.9999999
## 44497	3	0.9999999
## 44498	3	0.9999999
## 44499	2	0.9999999
## 44500	2	0.9999999
## 44501	2	0.9999999
## 44502	4	0.9999999
## 44503	3	0.9999999
## 44504	1	0.9999999
## 44505	3	0.9999999
## 44506	2	0.9999999
## 44507	2	0.9999999
## 44508	3	0.9999999
## 44509	2	0.9999999
## 44510	3	0.9999999
## 44511	2	0.9999999
## 44512	4	0.9999999
## 44513	3	0.9999999
## 44514	4	0.9999999
## 44515	2	0.9999999
## 44516	4	0.9999999
## 44517	4	0.9999999
## 44518	1	0.9999999
## 44519	4	0.9999999
## 44520	3	0.9999999
## 44521	2	0.9999999
## 44522	1	0.9999999
## 44523	1	0.9999999
## 44524	2	0.9999999
## 44525	4	0.9999999

## 44526	2	0.9999999
## 44527	3	0.9999999
## 44528	2	0.9999999
## 44529	0	0.9999999
## 44530	4	0.9999999
## 44531	2	0.9999999
## 44532	3	0.9999998
## 44533	3	0.9999999
## 44534	3	0.9999999
## 44535	4	0.9999999
## 44536	1	0.9999999
## 44537	2	0.9999999
## 44538	3	0.9999999
## 44539	4	0.9999999
## 44540	3	0.9999999
## 44541	2	0.9999999
## 44542	2	0.9999999
## 44543	2	0.9999999
## 44544	1	0.9999999
## 44545	4	0.9999999
## 44546	3	0.9999999
## 44547	2	0.9999999
## 44548	2	0.9999999
## 44549	3	0.9999999
## 44550	4	0.9999999
## 44551	2	0.9999999
## 44552	2	0.9999999
## 44553	4	0.9999999
## 44554	4	0.9999999
## 44555	3	0.9999999
## 44556	4	0.9999999
## 44557	3	0.9999999
## 44558	1	0.9999999
## 44559	2	0.9999999
## 44560	2	0.9999998
## 44561	3	0.9999999
## 44562	2	0.9999999
## 44563	1	0.9999999
## 44564	3	0.9999999
## 44565	3	0.9999999
## 44566	4	0.9999999
## 44567	2	0.9999999
## 44568	4	0.9999999
## 44569	3	0.9999999
## 44570	2	0.9999999
## 44571	2	0.9999999
## 44572	2	0.9999999
## 44573	4	0.9999999
## 44574	2	0.9999999
## 44575	3	0.9999998
## 44576	3	0.9999999
## 44577	2	0.9999999
## 44578	2	0.9999999
## 44579	2	0.9999999

## 44580	2	0.9999999
## 44581	3	0.9999999
## 44582	2	0.9999999
## 44583	3	0.9999999
## 44584	1	0.9999999
## 44585	2	0.9999998
## 44586	2	0.9999999
## 44587	2	0.9999999
## 44588	4	0.9999999
## 44589	1	0.9999999
## 44590	2	0.9999999
## 44591	2	0.9999999
## 44592	2	0.9999999
## 44593	2	0.9999999
## 44594	3	0.9999999
## 44595	3	0.9999999
## 44596	2	0.9999999
## 44597	3	0.9999999
## 44598	4	0.9999999
## 44599	4	0.9999998
## 44600	2	0.9999999
## 44601	1	0.9999999
## 44602	4	0.9999999
## 44603	4	0.9999999
## 44604	4	0.9999999
## 44605	1	0.9999999
## 44606	3	0.9999999
## 44607	0	0.9999999
## 44608	2	0.9999999
## 44609	2	0.9999999
## 44610	2	0.9999999
## 44611	4	0.9999999
## 44612	0	0.9999998
## 44613	2	0.9999999
## 44614	3	0.9999999
## 44615	2	0.9999999
## 44616	2	0.9999999
## 44617	0	0.9999999
## 44618	1	0.9999999
## 44619	2	0.9999999
## 44620	3	0.9999999
## 44621	1	0.9999999
## 44622	3	0.9999999
## 44623	4	0.9999999
## 44624	0	0.9999999
## 44625	2	0.9999999
## 44626	1	0.9999999
## 44627	1	0.9999999
## 44628	0	0.9999999
## 44629	3	0.9999999
## 44630	4	0.9999999
## 44631	0	0.9999998
## 44632	2	0.9999999
## 44633	2	0.9999999

## 44634	2	0.9999999
## 44635	2	0.9999999
## 44636	1	0.9999999
## 44637	0	0.9999998
## 44638	2	0.9999999
## 44639	2	0.9999999
## 44640	3	0.9999998
## 44641	1	0.9999999
## 44642	3	0.9999999
## 44643	3	0.9999999
## 44644	2	0.9999999
## 44645	1	0.9999999
## 44646	2	0.9999999
## 44647	3	0.9999999
## 44648	3	0.9999999
## 44649	1	0.9999999
## 44650	3	0.9999999
## 44651	4	0.9999999
## 44652	4	0.9999999
## 44653	4	0.9999999
## 44654	3	0.9999999
## 44655	2	0.9999999
## 44656	4	0.9999999
## 44657	4	0.9999999
## 44658	4	0.9999999
## 44659	3	0.9999999
## 44660	4	0.9999999
## 44661	2	0.9999999
## 44662	2	0.9999999
## 44663	0	0.9999999
## 44664	2	0.9999999
## 44665	2	0.9999999
## 44666	4	0.9999998
## 44667	2	0.9999999
## 44668	4	0.9999999
## 44669	2	0.9999999
## 44670	2	0.9999999
## 44671	1	0.9999999
## 44672	2	0.9999999
## 44673	1	0.9999999
## 44674	2	0.9999998
## 44675	4	0.9999999
## 44676	1	0.9999998
## 44677	2	0.9999999
## 44678	1	0.9999999
## 44679	3	0.9999999
## 44680	1	0.9999999
## 44681	4	0.9999999
## 44682	4	0.9999999
## 44683	4	0.9999999
## 44684	4	0.9999999
## 44685	2	0.9999998
## 44686	4	0.9999999
## 44687	2	0.9999999

## 44688	4	0.9999999
## 44689	3	0.9999999
## 44690	2	0.9999998
## 44691	2	0.9999999
## 44692	2	0.9999999
## 44693	2	0.9999999
## 44694	2	0.9999999
## 44695	4	0.9999998
## 44696	2	0.9999999
## 44697	2	0.9999999
## 44698	1	0.9999999
## 44699	0	0.9999999
## 44700	2	0.9999999
## 44701	2	0.9999999
## 44702	2	0.9999999
## 44703	2	0.9999999
## 44704	2	0.9999999
## 44705	2	0.9999999
## 44706	2	0.9999999
## 44707	4	0.9999999
## 44708	3	0.9999999
## 44709	2	0.9999999
## 44710	2	0.9999999
## 44711	3	0.9999999
## 44712	3	0.9999999
## 44713	2	0.9999999
## 44714	3	0.9999999
## 44715	4	0.9999999
## 44716	3	0.9999999
## 44717	2	0.9999999
## 44718	2	0.9999999
## 44719	2	0.9999999
## 44720	3	0.9999999
## 44721	1	0.9999998
## 44722	1	0.9999999
## 44723	4	0.9999999
## 44724	2	0.9999999
## 44725	2	0.9999999
## 44726	3	0.9999999
## 44727	2	0.9999999
## 44728	2	0.9999999
## 44729	4	0.9999999
## 44730	4	0.9999999
## 44731	3	0.9999999
## 44732	3	0.9999999
## 44733	1	0.9999999
## 44734	2	0.9999999
## 44735	3	0.9999999
## 44736	3	0.9999999
## 44737	2	0.9999999
## 44738	2	0.9999999
## 44739	0	0.9999999
## 44740	1	0.9999999
## 44741	3	0.9999999

## 44742	2	0.9999998
## 44743	3	0.9999999
## 44744	4	0.9999999
## 44745	2	0.9999999
## 44746	4	0.9999999
## 44747	3	0.9999999
## 44748	2	0.9999999
## 44749	3	0.9999999
## 44750	4	0.9999999
## 44751	3	0.9999999
## 44752	2	0.9999999
## 44753	2	0.9999999
## 44754	3	0.9999999
## 44755	2	0.9999999
## 44756	2	0.9999999
## 44757	3	0.9999999
## 44758	3	0.9999999
## 44759	3	0.9999999
## 44760	4	0.9999999
## 44761	0	0.9999999
## 44762	2	0.9999999
## 44763	4	0.9999999
## 44764	2	0.9999999
## 44765	4	0.9999999
## 44766	3	0.9999999
## 44767	4	0.9999999
## 44768	4	0.9999999
## 44769	3	0.9999999
## 44770	2	0.9999999
## 44771	2	0.9999999
## 44772	1	0.9999999
## 44773	2	0.9999998
## 44774	2	0.9999999
## 44775	4	0.9999999
## 44776	3	0.9999999
## 44777	2	0.9999999
## 44778	2	0.9999999
## 44779	0	0.9999999
## 44780	2	0.9999999
## 44781	2	0.9999999
## 44782	3	0.9999999
## 44783	4	0.9999999
## 44784	4	0.9999999
## 44785	3	0.9999999
## 44786	2	0.9999999
## 44787	2	0.9999999
## 44788	4	0.9999999
## 44789	0	0.9999999
## 44790	1	0.9999999
## 44791	2	0.9999999
## 44792	4	0.9999999
## 44793	2	0.9999999
## 44794	4	0.9999999
## 44795	3	0.9999999

## 44796	3	0.9999999
## 44797	3	0.9999999
## 44798	3	0.9999999
## 44799	4	0.9999999
## 44800	4	0.9999999
## 44801	3	0.9999999
## 44802	3	0.9999999
## 44803	2	0.9999999
## 44804	3	0.9999999
## 44805	1	0.9999999
## 44806	4	0.9999999
## 44807	3	0.9999999
## 44808	2	0.9999999
## 44809	2	0.9999999
## 44810	4	0.9999999
## 44811	2	0.9999999
## 44812	4	0.9999999
## 44813	2	0.9999999
## 44814	2	0.9999999
## 44815	2	0.9999999
## 44816	4	0.9999999
## 44817	4	0.9999999
## 44818	1	0.9999999
## 44819	2	0.9999999
## 44820	3	0.9999999
## 44821	1	0.9999999
## 44822	2	0.9999999
## 44823	2	0.9999999
## 44824	2	0.9999999
## 44825	4	0.9999999
## 44826	2	0.9999999
## 44827	0	0.9999999
## 44828	3	0.9999999
## 44829	2	0.9999999
## 44830	3	0.9999999
## 44831	3	0.9999999
## 44832	3	0.9999999
## 44833	4	0.9999999
## 44834	1	0.9999999
## 44835	3	0.9999999
## 44836	2	0.9999999
## 44837	1	0.9999999
## 44838	2	0.9999999
## 44839	3	0.9999999
## 44840	2	0.9999999
## 44841	2	0.9999999
## 44842	2	0.9999999
## 44843	4	0.9999999
## 44844	3	0.9999999
## 44845	3	0.9999998
## 44846	2	0.9999999
## 44847	3	0.9999999
## 44848	2	0.9999999
## 44849	2	0.9999999

## 44850	1	0.9999999
## 44851	1	0.9999999
## 44852	2	0.9999999
## 44853	1	0.9999999
## 44854	4	0.9999999
## 44855	2	0.9999999
## 44856	3	0.9999999
## 44857	2	0.9999999
## 44858	4	0.9999999
## 44859	3	0.9999999
## 44860	2	0.9999999
## 44861	2	0.9999999
## 44862	2	0.9999999
## 44863	4	0.9999999
## 44864	3	0.9999999
## 44865	4	0.9999999
## 44866	2	0.9999999
## 44867	3	0.9999999
## 44868	2	0.9999999
## 44869	1	0.9999998
## 44870	2	0.9999999
## 44871	4	0.9999999
## 44872	3	0.9999999
## 44873	3	0.9999998
## 44874	2	0.9999999
## 44875	2	0.9999999
## 44876	2	0.9999999
## 44877	3	0.9999999
## 44878	4	0.9999999
## 44879	1	0.9999999
## 44880	2	0.9999999
## 44881	3	0.9999999
## 44882	2	0.9999999
## 44883	3	0.9999999
## 44884	0	0.9999999
## 44885	3	0.9999999
## 44886	2	0.9999999
## 44887	3	0.9999999
## 44888	3	0.9999999
## 44889	4	0.9999998
## 44890	2	0.9999999
## 44891	2	0.9999999
## 44892	2	0.9999999
## 44893	2	0.9999999
## 44894	3	0.9999999
## 44895	4	0.9999999
## 44896	2	0.9999999
## 44897	2	0.9999999
## 44898	1	0.9999999
## 44899	3	0.9999999
## 44900	2	0.9999999
## 44901	4	0.9999999
## 44902	3	0.9999999
## 44903	4	0.9999999

## 44904	3	0.9999999
## 44905	4	0.9999999
## 44906	2	0.9999999
## 44907	2	0.9999999
## 44908	1	0.9999999
## 44909	4	0.9999999
## 44910	3	0.9999999
## 44911	2	0.9999999
## 44912	2	0.9999999
## 44913	2	0.9999999
## 44914	4	0.9999999
## 44915	2	0.9999999
## 44916	2	0.9999999
## 44917	3	0.9999999
## 44918	3	0.9999999
## 44919	2	0.9999999
## 44920	1	0.9999999
## 44921	2	0.9999999
## 44922	3	0.9999999
## 44923	4	0.9999999
## 44924	2	0.9999999
## 44925	3	0.9999999
## 44926	2	0.9999999
## 44927	2	0.9999999
## 44928	2	0.9999999
## 44929	0	0.9999999
## 44930	2	0.9999999
## 44931	3	0.9999999
## 44932	3	0.9999998
## 44933	2	0.9999999
## 44934	1	0.9999999
## 44935	3	0.9999999
## 44936	2	0.9999999
## 44937	3	0.9999999
## 44938	2	0.9999999
## 44939	3	0.9999999
## 44940	2	0.9999999
## 44941	3	0.9999999
## 44942	1	0.9999999
## 44943	3	0.9999999
## 44944	3	0.9999999
## 44945	4	0.9999999
## 44946	1	0.9999999
## 44947	2	0.9999999
## 44948	2	0.9999999
## 44949	4	0.9999999
## 44950	3	0.9999999
## 44951	2	0.9999999
## 44952	4	0.9999999
## 44953	2	0.9999999
## 44954	3	0.9999999
## 44955	2	0.9999999
## 44956	4	0.9999999
## 44957	1	0.9999999

## 44958	2	0.9999999
## 44959	4	0.9999999
## 44960	3	0.9999999
## 44961	2	0.9999999
## 44962	2	0.9999999
## 44963	4	0.9999999
## 44964	1	0.9999999
## 44965	1	0.9999999
## 44966	2	0.9999999
## 44967	4	0.9999999
## 44968	3	0.9999999
## 44969	2	0.9999999
## 44970	2	0.9999999
## 44971	0	0.9999999
## 44972	4	0.9999999
## 44973	3	0.9999999
## 44974	2	0.9999998
## 44975	2	0.9999998
## 44976	3	0.9999999
## 44977	4	0.9999999
## 44978	4	0.9999999
## 44979	2	0.9999999
## 44980	1	0.9999999
## 44981	0	0.9999999
## 44982	2	0.9999999
## 44983	3	0.9999999
## 44984	2	0.9999999
## 44985	3	0.9999999
## 44986	2	0.9999999
## 44987	2	0.9999999
## 44988	1	0.9999999
## 44989	2	0.9999999
## 44990	4	0.9999999
## 44991	2	0.9999999
## 44992	1	0.9999999
## 44993	2	0.9999999
## 44994	3	0.9999999
## 44995	4	0.9999999
## 44996	4	0.9999999
## 44997	2	0.9999999
## 44998	2	0.9999999
## 44999	2	0.9999999
## 45000	3	0.9999999
## 45001	1	0.9999999
## 45002	2	0.9999999
## 45003	4	0.9999999
## 45004	2	0.9999999
## 45005	2	0.9999999
## 45006	2	0.9999999
## 45007	1	0.9999999
## 45008	3	0.9999999
## 45009	4	0.9999998
## 45010	4	0.9999998
## 45011	2	0.9999999

## 45012	4	0.9999999
## 45013	3	0.9999999
## 45014	3	0.9999999
## 45015	3	0.9999999
## 45016	2	0.9999999
## 45017	3	0.9999999
## 45018	1	0.9999999
## 45019	4	0.9999999
## 45020	3	0.9999999
## 45021	1	0.9999998
## 45022	3	0.9999998
## 45023	2	0.9999999
## 45024	3	0.9999999
## 45025	3	0.9999999
## 45026	2	0.9999999
## 45027	2	0.9999999
## 45028	1	0.9999999
## 45029	1	0.9999999
## 45030	2	0.9999999
## 45031	4	0.9999999
## 45032	2	0.9999999
## 45033	1	0.9999999
## 45034	2	0.9999999
## 45035	2	0.9999999
## 45036	4	0.9999999
## 45037	4	0.9999999
## 45038	2	0.9999999
## 45039	2	0.9999999
## 45040	1	0.9999999
## 45041	3	0.9999999
## 45042	1	0.9999999
## 45043	4	0.9999999
## 45044	2	0.9999999
## 45045	3	0.9999999
## 45046	4	0.9999999
## 45047	3	0.9999999
## 45048	3	0.9999999
## 45049	2	0.9999999
## 45050	4	0.9999999
## 45051	1	0.9999999
## 45052	2	0.9999999
## 45053	4	0.9999998
## 45054	4	0.9999999
## 45055	0	0.9999999
## 45056	2	0.9999999
## 45057	2	0.9999999
## 45058	1	0.9999999
## 45059	3	0.9999999
## 45060	1	0.9999999
## 45061	3	0.9999999
## 45062	2	0.9999999
## 45063	3	0.9999999
## 45064	3	0.9999999
## 45065	4	0.9999999

## 45066	4	0.9999999
## 45067	2	0.9999999
## 45068	1	0.9999999
## 45069	1	0.9999999
## 45070	3	0.9999999
## 45071	4	0.9999999
## 45072	2	0.9999999
## 45073	3	0.9999999
## 45074	2	0.9999999
## 45075	3	0.9999999
## 45076	2	0.9999999
## 45077	2	0.9999999
## 45078	3	0.9999999
## 45079	2	0.9999999
## 45080	4	0.9999999
## 45081	2	0.9999999
## 45082	4	0.9999999
## 45083	3	0.9999999
## 45084	3	0.9999999
## 45085	4	0.9999999
## 45086	2	0.9999999
## 45087	3	0.9999999
## 45088	2	0.9999999
## 45089	4	0.9999999
## 45090	2	0.9999999
## 45091	2	0.9999999
## 45092	3	0.9999999
## 45093	2	0.9999999
## 45094	2	0.9999999
## 45095	2	0.9999999
## 45096	4	0.9999999
## 45097	2	0.9999999
## 45098	1	0.9999999
## 45099	2	0.9999999
## 45100	3	0.9999999
## 45101	1	0.9999999
## 45102	3	0.9999999
## 45103	4	0.9999999
## 45104	1	0.9999999
## 45105	2	0.9999999
## 45106	4	0.9999999
## 45107	2	0.9999999
## 45108	2	0.9999999
## 45109	2	0.9999999
## 45110	0	0.9999999
## 45111	4	0.9999999
## 45112	3	0.9999999
## 45113	3	0.9999999
## 45114	3	0.9999998
## 45115	2	0.9999999
## 45116	2	0.9999999
## 45117	1	0.9999999
## 45118	3	0.9999999
## 45119	2	0.9999999

## 45120	4	0.9999999
## 45121	2	0.9999999
## 45122	4	0.9999999
## 45123	2	0.9999999
## 45124	1	0.9999999
## 45125	3	0.9999999
## 45126	2	0.9999999
## 45127	2	0.9999999
## 45128	2	0.9999998
## 45129	4	0.9999999
## 45130	2	0.9999999
## 45131	1	0.9999999
## 45132	3	0.9999999
## 45133	3	0.9999999
## 45134	2	0.9999999
## 45135	2	0.9999999
## 45136	2	0.9999999
## 45137	2	0.9999999
## 45138	4	0.9999999
## 45139	3	0.9999999
## 45140	2	0.9999999
## 45141	4	0.9999999
## 45142	2	0.9999999
## 45143	2	0.9999999
## 45144	2	0.9999999
## 45145	2	0.9999999
## 45146	2	0.9999999
## 45147	2	0.9999999
## 45148	2	0.9999999
## 45149	3	0.9999999
## 45150	2	0.9999999
## 45151	2	0.9999999
## 45152	1	0.9999999
## 45153	0	0.9999999
## 45154	2	0.9999999
## 45155	1	0.9999999
## 45156	3	0.9999999
## 45157	2	0.9999999
## 45158	3	0.9999999
## 45159	2	0.9999999
## 45160	2	0.9999999
## 45161	3	0.9999999
## 45162	2	0.9999999
## 45163	4	0.9999999
## 45164	2	0.9999999
## 45165	0	0.9999999
## 45166	2	0.9999999
## 45167	4	0.9999999
## 45168	2	0.9999999
## 45169	2	0.9999999
## 45170	2	0.9999999
## 45171	0	0.9999999
## 45172	2	0.9999999
## 45173	2	0.9999999

## 45174	3	0.9999999
## 45175	3	0.9999999
## 45176	2	0.9999998
## 45177	3	0.9999999
## 45178	2	0.9999999
## 45179	4	0.9999999
## 45180	4	0.9999999
## 45181	2	0.9999999
## 45182	2	0.9999999
## 45183	2	0.9999999
## 45184	4	0.9999999
## 45185	3	0.9999999
## 45186	4	0.9999999
## 45187	3	0.9999999
## 45188	3	0.9999999
## 45189	4	0.9999999
## 45190	4	0.9999999
## 45191	2	0.9999999
## 45192	2	0.9999999
## 45193	4	0.9999999
## 45194	4	0.9999999
## 45195	4	0.9999999
## 45196	2	0.9999999
## 45197	3	0.9999999
## 45198	2	0.9999999
## 45199	3	0.9999999
## 45200	2	0.9999999
## 45201	3	0.9999999
## 45202	2	0.9999999
## 45203	4	0.9999999
## 45204	2	0.9999999
## 45205	3	0.9999999
## 45206	4	0.9999999
## 45207	2	0.9999999
## 45208	3	0.9999999
## 45209	2	0.9999999
## 45210	2	0.9999999
## 45211	2	0.9999999
## 45212	3	0.9999999
## 45213	4	0.9999999
## 45214	3	0.9999999
## 45215	0	0.9999999
## 45216	0	0.9999999
## 45217	2	0.9999999
## 45218	2	0.9999999
## 45219	0	0.9999999
## 45220	3	0.9999999
## 45221	2	0.9999999
## 45222	4	0.9999999
## 45223	4	0.9999998
## 45224	2	0.9999999
## 45225	4	0.9999999
## 45226	2	0.9999998
## 45227	3	0.9999999

## 45228	3	0.9999999
## 45229	3	0.9999999
## 45230	3	0.9999999
## 45231	4	0.9999999
## 45232	3	0.9999999
## 45233	2	0.9999999
## 45234	2	0.9999999
## 45235	3	0.9999999
## 45236	2	0.9999999
## 45237	4	0.9999999
## 45238	4	0.9999999
## 45239	2	0.9999999
## 45240	3	0.9999999
## 45241	2	0.9999999
## 45242	3	0.9999999
## 45243	0	0.9999999
## 45244	4	0.9999999
## 45245	2	0.9999999
## 45246	2	0.9999999
## 45247	2	0.9999999
## 45248	4	0.9999998
## 45249	3	0.9999999
## 45250	2	0.9999999
## 45251	3	0.9999999
## 45252	2	0.9999999
## 45253	3	0.9999999
## 45254	4	0.9999999
## 45255	2	0.9999999
## 45256	3	0.9999999
## 45257	2	0.9999999
## 45258	1	0.9999999
## 45259	3	0.9999999
## 45260	3	0.9999999
## 45261	1	0.9999999
## 45262	4	0.9999998
## 45263	4	0.9999999
## 45264	3	0.9999999
## 45265	4	0.9999998
## 45266	3	0.9999999
## 45267	2	0.9999998
## 45268	4	0.9999999
## 45269	4	0.9999999
## 45270	3	0.9999999
## 45271	4	0.9999999
## 45272	4	0.9999999
## 45273	2	0.9999999
## 45274	3	0.9999999
## 45275	3	0.9999999
## 45276	3	0.9999999
## 45277	3	0.9999999
## 45278	3	0.9999999
## 45279	2	0.9999999
## 45280	4	0.9999999
## 45281	2	0.9999999

## 45282	3	0.9999999
## 45283	3	0.9999999
## 45284	2	0.9999999
## 45285	4	0.9999999
## 45286	4	0.9999999
## 45287	3	0.9999999
## 45288	2	0.9999999
## 45289	3	0.9999999
## 45290	3	0.9999999
## 45291	2	0.9999999
## 45292	2	0.9999999
## 45293	4	0.9999999
## 45294	3	0.9999999
## 45295	1	0.9999999
## 45296	4	0.9999999
## 45297	2	0.9999999
## 45298	2	0.9999999
## 45299	1	0.9999998
## 45300	4	0.9999999
## 45301	3	0.9999999
## 45302	3	0.9999999
## 45303	4	0.9999999
## 45304	3	0.9999999
## 45305	2	0.9999999
## 45306	2	0.9999999
## 45307	3	0.9999999
## 45308	3	0.9999999
## 45309	1	0.9999999
## 45310	4	0.9999998
## 45311	2	0.9999999
## 45312	1	0.9999999
## 45313	4	0.9999999
## 45314	2	0.9999999
## 45315	2	0.9999999
## 45316	0	0.9999999
## 45317	2	0.9999999
## 45318	3	0.9999999
## 45319	3	0.9999999
## 45320	2	0.9999998
## 45321	2	0.9999999
## 45322	4	0.9999999
## 45323	2	0.9999999
## 45324	1	0.9999999
## 45325	1	0.9999999
## 45326	2	0.9999999
## 45327	3	0.9999999
## 45328	4	0.9999999
## 45329	2	0.9999999
## 45330	4	0.9999999
## 45331	4	0.9999999
## 45332	2	0.9999999
## 45333	2	0.9999999
## 45334	2	0.9999999
## 45335	2	0.9999999

## 45336	3	0.9999999
## 45337	2	0.9999999
## 45338	2	0.9999999
## 45339	3	0.9999999
## 45340	2	0.9999999
## 45341	2	0.9999999
## 45342	3	0.9999999
## 45343	3	0.9999999
## 45344	4	0.9999999
## 45345	3	0.9999999
## 45346	2	0.9999999
## 45347	3	0.9999999
## 45348	2	0.9999999
## 45349	2	0.9999999
## 45350	1	0.9999999
## 45351	1	0.9999999
## 45352	2	0.9999999
## 45353	2	0.9999999
## 45354	2	0.9999999
## 45355	4	0.9999999
## 45356	2	0.9999999
## 45357	4	0.9999999
## 45358	2	0.9999999
## 45359	3	0.9999999
## 45360	3	0.9999999
## 45361	2	0.9999998
## 45362	2	0.9999999
## 45363	2	0.9999999
## 45364	2	0.9999999
## 45365	3	0.9999999
## 45366	2	0.9999999
## 45367	1	0.9999999
## 45368	2	0.9999999
## 45369	4	0.9999999
## 45370	3	0.9999999
## 45371	4	0.9999999
## 45372	2	0.9999999
## 45373	4	0.9999999
## 45374	2	0.9999999
## 45375	2	0.9999998
## 45376	3	0.9999999
## 45377	2	0.9999999
## 45378	4	0.9999999
## 45379	1	0.9999999
## 45380	4	0.9999999
## 45381	2	0.9999999
## 45382	2	0.9999999
## 45383	4	0.9999999
## 45384	3	0.9999999
## 45385	2	0.9999999
## 45386	2	0.9999999
## 45387	3	0.9999999
## 45388	4	0.9999999
## 45389	3	0.9999999

## 45390	3	0.9999999
## 45391	4	0.9999999
## 45392	1	0.9999998
## 45393	2	0.9999999
## 45394	1	0.9999999
## 45395	3	0.9999998
## 45396	2	0.9999999
## 45397	2	0.9999999
## 45398	2	0.9999999
## 45399	3	0.9999999
## 45400	2	0.9999999
## 45401	2	0.9999999
## 45402	3	0.9999999
## 45403	2	0.9999999
## 45404	4	0.9999999
## 45405	2	0.9999999
## 45406	1	0.9999999
## 45407	3	0.9999999
## 45408	2	0.9999999
## 45409	3	0.9999999
## 45410	2	0.9999999
## 45411	2	0.9999999
## 45412	1	0.9999999
## 45413	3	0.9999999
## 45414	2	0.9999999
## 45415	2	0.9999999
## 45416	4	0.9999998
## 45417	3	0.9999999
## 45418	3	0.9999999
## 45419	1	0.9999999
## 45420	4	0.9999999
## 45421	2	0.9999999
## 45422	3	0.9999999
## 45423	2	0.9999999
## 45424	2	0.9999999
## 45425	3	0.9999999
## 45426	2	0.9999999
## 45427	4	0.9999999
## 45428	2	0.9999999
## 45429	2	0.9999999
## 45430	3	0.9999999
## 45431	2	0.9999999
## 45432	2	0.9999999
## 45433	2	0.9999999
## 45434	3	0.9999999
## 45435	2	0.9999999
## 45436	3	0.9999999
## 45437	3	0.9999999
## 45438	4	0.9999999
## 45439	2	0.9999999
## 45440	2	0.9999999
## 45441	3	0.9999999
## 45442	3	0.9999999
## 45443	4	0.9999999

## 45444	2	0.9999999
## 45445	2	0.9999999
## 45446	4	0.9999999
## 45447	2	0.9999999
## 45448	3	0.9999999
## 45449	3	0.9999999
## 45450	2	0.9999999
## 45451	3	0.9999999
## 45452	3	0.9999999
## 45453	3	0.9999999
## 45454	3	0.9999999
## 45455	2	0.9999999
## 45456	3	0.9999999
## 45457	3	0.9999999
## 45458	4	0.9999999
## 45459	4	0.9999999
## 45460	3	0.9999999
## 45461	2	0.9999999
## 45462	3	0.9999999
## 45463	2	0.9999999
## 45464	4	0.9999999
## 45465	2	0.9999999
## 45466	2	0.9999999
## 45467	0	0.9999999
## 45468	4	0.9999999
## 45469	2	0.9999999
## 45470	4	0.9999999
## 45471	1	0.9999999
## 45472	2	0.9999999
## 45473	4	0.9999999
## 45474	4	0.9999999
## 45475	4	0.9999999
## 45476	3	0.9999999
## 45477	3	0.9999999
## 45478	4	0.9999999
## 45479	2	0.9999999
## 45480	1	0.9999999
## 45481	4	0.9999999
## 45482	3	0.9999999
## 45483	4	0.9999999
## 45484	1	0.9999999
## 45485	2	0.9999999
## 45486	2	0.9999999
## 45487	2	0.9999999
## 45488	2	0.9999998
## 45489	0	0.9999999
## 45490	1	0.9999998
## 45491	3	0.9999999
## 45492	0	0.9999999
## 45493	2	0.9999999
## 45494	2	0.9999999
## 45495	3	0.9999999
## 45496	2	0.9999998
## 45497	1	0.9999999

## 45498	2	0.9999999
## 45499	2	0.9999999
## 45500	4	0.9999999
## 45501	4	0.9999999
## 45502	2	0.9999999
## 45503	2	0.9999998
## 45504	2	0.9999999
## 45505	3	0.9999999
## 45506	2	0.9999999
## 45507	3	0.9999999
## 45508	2	0.9999999
## 45509	2	0.9999999
## 45510	4	0.9999999
## 45511	3	0.9999999
## 45512	3	0.9999999
## 45513	3	0.9999999
## 45514	3	0.9999999
## 45515	4	0.9999998
## 45516	2	0.9999999
## 45517	1	0.9999999
## 45518	0	0.9999999
## 45519	2	0.9999999
## 45520	4	0.9999999
## 45521	4	0.9999999
## 45522	4	0.9999999
## 45523	2	0.9999999
## 45524	1	0.9999999
## 45525	2	0.9999999
## 45526	2	0.9999999
## 45527	3	0.9999999
## 45528	3	0.9999999
## 45529	4	0.9999999
## 45530	3	0.9999999
## 45531	2	0.9999999
## 45532	1	0.9999999
## 45533	4	0.9999999
## 45534	3	0.9999999
## 45535	4	0.9999999
## 45536	2	0.9999999
## 45537	2	0.9999999
## 45538	4	0.9999999
## 45539	4	0.9999999
## 45540	4	0.9999998
## 45541	2	0.9999999
## 45542	2	0.9999999
## 45543	3	0.9999998
## 45544	1	0.9999999
## 45545	2	0.9999999
## 45546	4	0.9999999
## 45547	2	0.9999999
## 45548	2	0.9999999
## 45549	2	0.9999999
## 45550	2	0.9999999
## 45551	4	0.9999999

## 45552	3	0.9999999
## 45553	1	0.9999999
## 45554	3	0.9999999
## 45555	4	0.9999999
## 45556	2	0.9999999
## 45557	3	0.9999999
## 45558	2	0.9999999
## 45559	3	0.9999999
## 45560	2	0.9999999
## 45561	2	0.9999999
## 45562	4	0.9999999
## 45563	3	0.9999999
## 45564	4	0.9999999
## 45565	3	0.9999998
## 45566	2	0.9999999
## 45567	4	0.9999999
## 45568	4	0.9999999
## 45569	2	0.9999999
## 45570	2	0.9999999
## 45571	2	0.9999999
## 45572	4	0.9999999
## 45573	2	0.9999999
## 45574	3	0.9999999
## 45575	3	0.9999999
## 45576	2	0.9999999
## 45577	2	0.9999999
## 45578	4	0.9999999
## 45579	3	0.9999999
## 45580	4	0.9999999
## 45581	0	0.9999998
## 45582	3	0.9999999
## 45583	4	0.9999999
## 45584	1	0.9999999
## 45585	2	0.9999999
## 45586	2	0.9999998
## 45587	3	0.9999999
## 45588	4	0.9999999
## 45589	2	0.9999999
## 45590	2	0.9999999
## 45591	3	0.9999998
## 45592	2	0.9999999
## 45593	4	0.9999999
## 45594	2	0.9999999
## 45595	3	0.9999999
## 45596	2	0.9999999
## 45597	2	0.9999999
## 45598	3	0.9999999
## 45599	2	0.9999999
## 45600	3	0.9999999
## 45601	3	0.9999999
## 45602	4	0.9999999
## 45603	3	0.9999999
## 45604	1	0.9999999
## 45605	2	0.9999999

## 45606	2	0.9999999
## 45607	2	0.9999999
## 45608	2	0.9999999
## 45609	4	0.9999999
## 45610	3	0.9999999
## 45611	4	0.9999999
## 45612	4	0.9999999
## 45613	4	0.9999999
## 45614	1	0.9999999
## 45615	2	0.9999999
## 45616	3	0.9999999
## 45617	1	0.9999999
## 45618	2	0.9999999
## 45619	2	0.9999999
## 45620	2	0.9999999
## 45621	4	0.9999999
## 45622	3	0.9999999
## 45623	1	0.9999999
## 45624	2	0.9999999
## 45625	2	0.9999999
## 45626	1	0.9999999
## 45627	2	0.9999999
## 45628	4	0.9999998
## 45629	2	0.9999999
## 45630	2	0.9999999
## 45631	3	0.9999999
## 45632	3	0.9999999
## 45633	3	0.9999999
## 45634	2	0.9999998
## 45635	2	0.9999999
## 45636	3	0.9999999
## 45637	3	0.9999999
## 45638	1	0.9999999
## 45639	3	0.9999999
## 45640	2	0.9999999
## 45641	3	0.9999999
## 45642	4	0.9999999
## 45643	4	0.9999999
## 45644	2	0.9999999
## 45645	3	0.9999999
## 45646	2	0.9999999
## 45647	3	0.9999998
## 45648	2	0.9999999
## 45649	3	0.9999999
## 45650	2	0.9999999
## 45651	4	0.9999999
## 45652	3	0.9999999
## 45653	3	0.9999999
## 45654	2	0.9999999
## 45655	4	0.9999999
## 45656	2	0.9999999
## 45657	2	0.9999999
## 45658	4	0.9999999
## 45659	4	0.9999999

## 45660	4	0.9999999
## 45661	2	0.9999999
## 45662	2	0.9999999
## 45663	3	0.9999999
## 45664	4	0.9999999
## 45665	3	0.9999999
## 45666	1	0.9999999
## 45667	2	0.9999999
## 45668	2	0.9999999
## 45669	2	0.9999999
## 45670	4	0.9999999
## 45671	2	0.9999999
## 45672	4	0.9999998
## 45673	3	0.9999999
## 45674	2	0.9999999
## 45675	4	0.9999998
## 45676	3	0.9999999
## 45677	2	0.9999999
## 45678	0	0.9999999
## 45679	2	0.9999999
## 45680	0	0.9999999
## 45681	1	0.9999999
## 45682	3	0.9999999
## 45683	3	0.9999999
## 45684	3	0.9999999
## 45685	2	0.9999999
## 45686	3	0.9999998
## 45687	3	0.9999999
## 45688	3	0.9999999
## 45689	4	0.9999999
## 45690	4	0.9999999
## 45691	2	0.9999999
## 45692	4	0.9999999
## 45693	2	0.9999999
## 45694	3	0.9999999
## 45695	2	0.9999999
## 45696	1	0.9999999
## 45697	4	0.9999999
## 45698	4	0.9999999
## 45699	3	0.9999999
## 45700	3	0.9999999
## 45701	2	0.9999999
## 45702	3	0.9999999
## 45703	4	0.9999999
## 45704	3	0.9999999
## 45705	2	0.9999999
## 45706	3	0.9999999
## 45707	0	0.9999999
## 45708	3	0.9999999
## 45709	4	0.9999999
## 45710	4	0.9999999
## 45711	3	0.9999999
## 45712	2	0.9999999
## 45713	2	0.9999999

## 45714	4	0.9999999
## 45715	4	0.9999998
## 45716	1	0.9999999
## 45717	4	0.9999999
## 45718	4	0.9999999
## 45719	2	0.9999999
## 45720	3	0.9999999
## 45721	2	0.9999999
## 45722	1	0.9999999
## 45723	4	0.9999999
## 45724	2	0.9999999
## 45725	2	0.9999999
## 45726	3	0.9999999
## 45727	4	0.9999999
## 45728	4	0.9999999
## 45729	2	0.9999999
## 45730	2	0.9999999
## 45731	4	0.9999999
## 45732	2	0.9999999
## 45733	2	0.9999999
## 45734	1	0.9999999
## 45735	3	0.9999999
## 45736	4	0.9999999
## 45737	2	0.9999999
## 45738	4	0.9999999
## 45739	2	0.9999999
## 45740	2	0.9999999
## 45741	4	0.9999999
## 45742	4	0.9999999
## 45743	3	0.9999999
## 45744	1	0.9999999
## 45745	3	0.9999999
## 45746	2	0.9999999
## 45747	3	0.9999999
## 45748	3	0.9999999
## 45749	2	0.9999999
## 45750	4	0.9999999
## 45751	4	0.9999999
## 45752	2	0.9999999
## 45753	2	0.9999999
## 45754	2	0.9999999
## 45755	2	0.9999999
## 45756	2	0.9999999
## 45757	2	0.9999999
## 45758	2	0.9999999
## 45759	3	0.9999999
## 45760	0	0.9999999
## 45761	2	0.9999999
## 45762	4	0.9999998
## 45763	4	0.9999999
## 45764	4	0.9999999
## 45765	4	0.9999999
## 45766	2	0.9999999
## 45767	2	0.9999999

## 45768	1	0.9999999
## 45769	4	0.9999999
## 45770	3	0.9999999
## 45771	1	0.9999999
## 45772	0	0.9999998
## 45773	4	0.9999999
## 45774	4	0.9999999
## 45775	1	0.9999999
## 45776	2	0.9999999
## 45777	2	0.9999999
## 45778	3	0.9999999
## 45779	3	0.9999999
## 45780	4	0.9999999
## 45781	3	0.9999999
## 45782	1	0.9999999
## 45783	3	0.9999999
## 45784	2	0.9999999
## 45785	3	0.9999999
## 45786	2	0.9999999
## 45787	2	0.9999999
## 45788	3	0.9999998
## 45789	2	0.9999999
## 45790	2	0.9999999
## 45791	4	0.9999999
## 45792	2	0.9999998
## 45793	2	0.9999999
## 45794	2	0.9999999
## 45795	3	0.9999999
## 45796	2	0.9999999
## 45797	2	0.9999999
## 45798	2	0.9999999
## 45799	2	0.9999999
## 45800	3	0.9999999
## 45801	4	0.9999999
## 45802	1	0.9999999
## 45803	2	0.9999999
## 45804	3	0.9999999
## 45805	2	0.9999999
## 45806	2	0.9999999
## 45807	3	0.9999999
## 45808	3	0.9999999
## 45809	4	0.9999999
## 45810	4	0.9999999
## 45811	3	0.9999999
## 45812	2	0.9999999
## 45813	2	0.9999999
## 45814	3	0.9999999
## 45815	0	0.9999999
## 45816	1	0.9999999
## 45817	4	0.9999999
## 45818	2	0.9999999
## 45819	2	0.9999999
## 45820	2	0.9999999
## 45821	2	0.9999999

## 45822	4	0.9999999
## 45823	4	0.9999999
## 45824	1	0.9999999
## 45825	4	0.9999999
## 45826	4	0.9999999
## 45827	2	0.9999999
## 45828	0	0.9999999
## 45829	3	0.9999999
## 45830	3	0.9999999
## 45831	4	0.9999999
## 45832	1	0.9999999
## 45833	1	0.9999999
## 45834	1	0.9999999
## 45835	2	0.9999999
## 45836	2	0.9999999
## 45837	3	0.9999999
## 45838	3	0.9999999
## 45839	2	0.9999999
## 45840	2	0.9999999
## 45841	2	0.9999999
## 45842	2	0.9999999
## 45843	3	0.9999999
## 45844	2	0.9999999
## 45845	4	0.9999999
## 45846	3	0.9999999
## 45847	2	0.9999999
## 45848	2	0.9999999
## 45849	4	0.9999999
## 45850	1	0.9999999
## 45851	4	0.9999999
## 45852	2	0.9999999
## 45853	2	0.9999999
## 45854	3	0.9999999
## 45855	0	0.9999999
## 45856	2	0.9999999
## 45857	3	0.9999999
## 45858	3	0.9999999
## 45859	2	0.9999999
## 45860	1	0.9999999
## 45861	2	0.9999999
## 45862	1	0.9999999
## 45863	2	0.9999999
## 45864	2	0.9999999
## 45865	4	0.9999999
## 45866	3	0.9999999
## 45867	1	0.9999999
## 45868	2	0.9999999
## 45869	4	0.9999999
## 45870	0	0.9999999
## 45871	2	0.9999999
## 45872	3	0.9999998
## 45873	1	0.9999999
## 45874	2	0.9999999
## 45875	3	0.9999999

## 45876	2	0.9999999
## 45877	4	0.9999999
## 45878	4	0.9999998
## 45879	3	0.9999999
## 45880	3	0.9999999
## 45881	2	0.9999999
## 45882	2	0.9999999
## 45883	4	0.9999999
## 45884	4	0.9999999
## 45885	2	0.9999999
## 45886	3	0.9999999
## 45887	2	0.9999999
## 45888	1	0.9999999
## 45889	4	0.9999999
## 45890	2	0.9999999
## 45891	2	0.9999999
## 45892	0	0.9999999
## 45893	2	0.9999999
## 45894	3	0.9999999
## 45895	2	0.9999999
## 45896	3	0.9999999
## 45897	1	0.9999999
## 45898	2	0.9999999
## 45899	3	0.9999999
## 45900	3	0.9999999
## 45901	2	0.9999999
## 45902	2	0.9999999
## 45903	3	0.9999999
## 45904	3	0.9999999
## 45905	4	0.9999999
## 45906	2	0.9999999
## 45907	2	0.9999999
## 45908	2	0.9999999
## 45909	2	0.9999999
## 45910	2	0.9999998
## 45911	3	0.9999999
## 45912	2	0.9999999
## 45913	2	0.9999999
## 45914	4	0.9999999
## 45915	3	0.9999999
## 45916	4	0.9999999
## 45917	3	0.9999999
## 45918	3	0.9999999
## 45919	3	0.9999999
## 45920	3	0.9999999
## 45921	4	0.9999999
## 45922	3	0.9999999
## 45923	0	0.9999999
## 45924	2	0.9999999
## 45925	2	0.9999999
## 45926	2	0.9999999
## 45927	4	0.9999999
## 45928	1	0.9999999
## 45929	4	0.9999999

## 45930	3	0.9999999
## 45931	4	0.9999999
## 45932	3	0.9999999
## 45933	3	0.9999999
## 45934	2	0.9999999
## 45935	2	0.9999999
## 45936	4	0.9999999
## 45937	2	0.9999999
## 45938	1	0.9999999
## 45939	3	0.9999999
## 45940	2	0.9999998
## 45941	4	0.9999999
## 45942	0	0.9999999
## 45943	2	0.9999999
## 45944	2	0.9999999
## 45945	3	0.9999998
## 45946	2	0.9999999
## 45947	2	0.9999999
## 45948	3	0.9999999
## 45949	4	0.9999999
## 45950	3	0.9999998
## 45951	2	0.9999999
## 45952	1	0.9999999
## 45953	2	0.9999999
## 45954	3	0.9999999
## 45955	4	0.9999998
## 45956	2	0.9999999
## 45957	2	0.9999999
## 45958	3	0.9999999
## 45959	0	0.9999999
## 45960	2	0.9999999
## 45961	2	0.9999999
## 45962	2	0.9999999
## 45963	4	0.9999999
## 45964	4	0.9999999
## 45965	4	0.9999999
## 45966	2	0.9999999
## 45967	3	0.9999999
## 45968	3	0.9999999
## 45969	3	0.9999999
## 45970	2	0.9999999
## 45971	1	0.9999999
## 45972	4	0.9999999
## 45973	3	0.9999999
## 45974	2	0.9999999
## 45975	2	0.9999999
## 45976	4	0.9999999
## 45977	4	0.9999999
## 45978	1	0.9999999
## 45979	4	0.9999999
## 45980	3	0.9999999
## 45981	2	0.9999999
## 45982	2	0.9999999
## 45983	3	0.9999999

## 45984	3	0.9999999
## 45985	2	0.9999999
## 45986	1	0.9999999
## 45987	3	0.9999999
## 45988	3	0.9999999
## 45989	2	0.9999999
## 45990	3	0.9999999
## 45991	3	0.9999999
## 45992	2	0.9999999
## 45993	4	0.9999999
## 45994	4	0.9999999
## 45995	2	0.9999999
## 45996	1	0.9999999
## 45997	3	0.9999999
## 45998	3	0.9999999
## 45999	2	0.9999999
## 46000	2	0.9999999
## 46001	2	0.9999999
## 46002	3	0.9999999
## 46003	2	0.9999999
## 46004	2	0.9999999
## 46005	2	0.9999999
## 46006	2	0.9999999
## 46007	3	0.9999999
## 46008	0	0.9999998
## 46009	4	0.9999999
## 46010	2	0.9999999
## 46011	3	0.9999999
## 46012	3	0.9999999
## 46013	2	0.9999999
## 46014	2	0.9999999
## 46015	4	0.9999999
## 46016	3	0.9999999
## 46017	3	0.9999999
## 46018	2	0.9999999
## 46019	2	0.9999999
## 46020	2	0.9999999
## 46021	3	0.9999999
## 46022	0	0.9999999
## 46023	2	0.9999999
## 46024	4	0.9999999
## 46025	2	0.9999999
## 46026	2	0.9999999
## 46027	2	0.9999999
## 46028	3	0.9999999
## 46029	2	0.9999999
## 46030	2	0.9999999
## 46031	4	0.9999999
## 46032	4	0.9999999
## 46033	2	0.9999999
## 46034	2	0.9999999
## 46035	3	0.9999999
## 46036	3	0.9999999
## 46037	2	0.9999999

## 46038	2	0.9999999
## 46039	2	0.9999998
## 46040	3	0.9999999
## 46041	2	0.9999999
## 46042	2	0.9999999
## 46043	3	0.9999999
## 46044	3	0.9999999
## 46045	4	0.9999999
## 46046	2	0.9999999
## 46047	1	0.9999999
## 46048	3	0.9999999
## 46049	3	0.9999998
## 46050	4	0.9999999
## 46051	3	0.9999999
## 46052	3	0.9999999
## 46053	4	0.9999999
## 46054	2	0.9999999
## 46055	3	0.9999998
## 46056	1	0.9999999
## 46057	2	0.9999999
## 46058	4	0.9999999
## 46059	4	0.9999999
## 46060	2	0.9999999
## 46061	3	0.9999999
## 46062	3	0.9999999
## 46063	2	0.9999999
## 46064	3	0.9999999
## 46065	4	0.9999999
## 46066	3	0.9999999
## 46067	2	0.9999999
## 46068	2	0.9999999
## 46069	2	0.9999999
## 46070	4	0.9999999
## 46071	1	0.9999999
## 46072	2	0.9999999
## 46073	3	0.9999999
## 46074	2	0.9999999
## 46075	2	0.9999999
## 46076	2	0.9999999
## 46077	2	0.9999999
## 46078	4	0.9999999
## 46079	2	0.9999999
## 46080	0	0.9999999
## 46081	4	0.9999999
## 46082	4	0.9999999
## 46083	3	0.9999999
## 46084	4	0.9999999
## 46085	3	0.9999999
## 46086	4	0.9999999
## 46087	2	0.9999999
## 46088	3	0.9999999
## 46089	2	0.9999999
## 46090	3	0.9999999
## 46091	2	0.9999999

## 46092	4	0.9999999
## 46093	4	0.9999999
## 46094	1	0.9999999
## 46095	3	0.9999999
## 46096	3	0.9999999
## 46097	4	0.9999999
## 46098	4	0.9999999
## 46099	4	0.9999999
## 46100	4	0.9999999
## 46101	2	0.9999999
## 46102	2	0.9999999
## 46103	2	0.9999999
## 46104	2	0.9999999
## 46105	2	0.9999999
## 46106	4	0.9999999
## 46107	4	0.9999999
## 46108	0	0.9999999
## 46109	2	0.9999999
## 46110	0	0.9999999
## 46111	1	0.9999999
## 46112	3	0.9999999
## 46113	2	0.9999999
## 46114	2	0.9999999
## 46115	4	0.9999999
## 46116	4	0.9999999
## 46117	3	0.9999999
## 46118	2	0.9999999
## 46119	4	0.9999999
## 46120	2	0.9999999
## 46121	4	0.9999999
## 46122	2	0.9999999
## 46123	1	0.9999999
## 46124	2	0.9999999
## 46125	4	0.9999999
## 46126	2	0.9999998
## 46127	2	0.9999999
## 46128	2	0.9999999
## 46129	1	0.9999999
## 46130	2	0.9999999
## 46131	2	0.9999999
## 46132	1	0.9999999
## 46133	1	0.9999999
## 46134	2	0.9999999
## 46135	4	0.9999999
## 46136	1	0.9999999
## 46137	3	0.9999999
## 46138	3	0.9999999
## 46139	4	0.9999999
## 46140	2	0.9999999
## 46141	2	0.9999999
## 46142	2	0.9999999
## 46143	2	0.9999999
## 46144	2	0.9999999
## 46145	4	0.9999999

## 46146	2	0.9999999
## 46147	2	0.9999999
## 46148	2	0.9999999
## 46149	4	0.9999999
## 46150	3	0.9999998
## 46151	3	0.9999999
## 46152	2	0.9999999
## 46153	2	0.9999999
## 46154	4	0.9999999
## 46155	1	0.9999999
## 46156	0	0.9999999
## 46157	2	0.9999999
## 46158	2	0.9999999
## 46159	3	0.9999999
## 46160	2	0.9999999
## 46161	3	0.9999999
## 46162	2	0.9999999
## 46163	4	0.9999998
## 46164	3	0.9999999
## 46165	3	0.9999999
## 46166	2	0.9999999
## 46167	4	0.9999999
## 46168	2	0.9999999
## 46169	4	0.9999999
## 46170	2	0.9999999
## 46171	3	0.9999999
## 46172	4	0.9999999
## 46173	2	0.9999999
## 46174	3	0.9999999
## 46175	3	0.9999999
## 46176	3	0.9999999
## 46177	2	0.9999999
## 46178	2	0.9999999
## 46179	3	0.9999999
## 46180	0	0.9999999
## 46181	1	0.9999999
## 46182	3	0.9999999
## 46183	4	0.9999999
## 46184	2	0.9999999
## 46185	2	0.9999999
## 46186	2	0.9999999
## 46187	2	0.9999999
## 46188	2	0.9999998
## 46189	4	0.9999999
## 46190	2	0.9999999
## 46191	2	0.9999999
## 46192	0	0.9999998
## 46193	2	0.9999999
## 46194	2	0.9999999
## 46195	2	0.9999999
## 46196	1	0.9999999
## 46197	4	0.9999999
## 46198	2	0.9999999
## 46199	3	0.9999999

## 46200	4	0.9999999
## 46201	3	0.9999998
## 46202	2	0.9999999
## 46203	2	0.9999999
## 46204	2	0.9999999
## 46205	3	0.9999999
## 46206	1	0.9999999
## 46207	2	0.9999999
## 46208	3	0.9999999
## 46209	4	0.9999999
## 46210	3	0.9999999
## 46211	1	0.9999999
## 46212	0	0.9999998
## 46213	3	0.9999999
## 46214	2	0.9999999
## 46215	4	0.9999999
## 46216	4	0.9999999
## 46217	1	0.9999998
## 46218	4	0.9999999
## 46219	3	0.9999999
## 46220	4	0.9999999
## 46221	2	0.9999999
## 46222	4	0.9999999
## 46223	3	0.9999999
## 46224	3	0.9999999
## 46225	2	0.9999999
## 46226	0	0.9999999
## 46227	2	0.9999999
## 46228	1	0.9999999
## 46229	2	0.9999999
## 46230	3	0.9999999
## 46231	4	0.9999999
## 46232	2	0.9999999
## 46233	4	0.9999999
## 46234	2	0.9999999
## 46235	1	0.9999999
## 46236	4	0.9999999
## 46237	4	0.9999999
## 46238	2	0.9999999
## 46239	2	0.9999999
## 46240	2	0.9999999
## 46241	2	0.9999999
## 46242	4	0.9999999
## 46243	2	0.9999999
## 46244	2	0.9999999
## 46245	4	0.9999999
## 46246	2	0.9999999
## 46247	4	0.9999999
## 46248	2	0.9999998
## 46249	4	0.9999999
## 46250	2	0.9999999
## 46251	0	0.9999999
## 46252	2	0.9999999
## 46253	2	0.9999999

## 46254	2	0.9999999
## 46255	3	0.9999999
## 46256	4	0.9999998
## 46257	2	0.9999999
## 46258	4	0.9999999
## 46259	3	0.9999999
## 46260	2	0.9999999
## 46261	2	0.9999999
## 46262	2	0.9999999
## 46263	4	0.9999999
## 46264	3	0.9999999
## 46265	2	0.9999999
## 46266	2	0.9999999
## 46267	4	0.9999999
## 46268	0	0.9999999
## 46269	2	0.9999999
## 46270	1	0.9999999
## 46271	1	0.9999999
## 46272	2	0.9999999
## 46273	2	0.9999999
## 46274	3	0.9999998
## 46275	3	0.9999999
## 46276	3	0.9999999
## 46277	2	0.9999998
## 46278	2	0.9999999
## 46279	4	0.9999999
## 46280	3	0.9999999
## 46281	3	0.9999999
## 46282	2	0.9999999
## 46283	3	0.9999999
## 46284	4	0.9999999
## 46285	2	0.9999999
## 46286	2	0.9999999
## 46287	4	0.9999999
## 46288	4	0.9999999
## 46289	3	0.9999999
## 46290	2	0.9999999
## 46291	2	0.9999999
## 46292	3	0.9999999
## 46293	1	0.9999999
## 46294	3	0.9999999
## 46295	2	0.9999999
## 46296	4	0.9999999
## 46297	2	0.9999999
## 46298	2	0.9999999
## 46299	2	0.9999999
## 46300	2	0.9999999
## 46301	2	0.9999999
## 46302	4	0.9999999
## 46303	4	0.9999999
## 46304	2	0.9999999
## 46305	3	0.9999999
## 46306	4	0.9999999
## 46307	4	0.9999999

## 46308	2	0.9999999
## 46309	2	0.9999999
## 46310	2	0.9999999
## 46311	2	0.9999999
## 46312	4	0.9999999
## 46313	2	0.9999999
## 46314	0	0.9999999
## 46315	2	0.9999999
## 46316	3	0.9999999
## 46317	2	0.9999999
## 46318	3	0.9999999
## 46319	2	0.9999999
## 46320	4	0.9999999
## 46321	2	0.9999999
## 46322	2	0.9999999
## 46323	1	0.9999999
## 46324	2	0.9999999
## 46325	4	0.9999999
## 46326	4	0.9999999
## 46327	2	0.9999999
## 46328	4	0.9999999
## 46329	2	0.9999999
## 46330	4	0.9999999
## 46331	2	0.9999999
## 46332	2	0.9999999
## 46333	2	0.9999999
## 46334	2	0.9999999
## 46335	2	0.9999999
## 46336	2	0.9999999
## 46337	2	0.9999999
## 46338	3	0.9999999
## 46339	3	0.9999999
## 46340	4	0.9999998
## 46341	2	0.9999999
## 46342	3	0.9999999
## 46343	2	0.9999999
## 46344	4	0.9999999
## 46345	2	0.9999999
## 46346	2	0.9999998
## 46347	4	0.9999999
## 46348	1	0.9999998
## 46349	4	0.9999999
## 46350	2	0.9999999
## 46351	1	0.9999999
## 46352	4	0.9999999
## 46353	2	0.9999999
## 46354	2	0.9999999
## 46355	4	0.9999999
## 46356	2	0.9999999
## 46357	4	0.9999999
## 46358	2	0.9999999
## 46359	4	0.9999999
## 46360	3	0.9999999
## 46361	2	0.9999999

## 46362	1	0.9999999
## 46363	4	0.9999999
## 46364	2	0.9999999
## 46365	2	0.9999999
## 46366	2	0.9999999
## 46367	2	0.9999999
## 46368	2	0.9999999
## 46369	3	0.9999999
## 46370	2	0.9999999
## 46371	2	0.9999999
## 46372	4	0.9999999
## 46373	3	0.9999999
## 46374	4	0.9999999
## 46375	3	0.9999998
## 46376	2	0.9999999
## 46377	3	0.9999999
## 46378	3	0.9999999
## 46379	2	0.9999999
## 46380	2	0.9999999
## 46381	4	0.9999999
## 46382	1	0.9999999
## 46383	3	0.9999999
## 46384	3	0.9999999
## 46385	1	0.9999999
## 46386	2	0.9999999
## 46387	3	0.9999999
## 46388	4	0.9999999
## 46389	2	0.9999999
## 46390	3	0.9999999
## 46391	2	0.9999999
## 46392	2	0.9999999
## 46393	2	0.9999999
## 46394	2	0.9999999
## 46395	1	0.9999999
## 46396	4	0.9999999
## 46397	1	0.9999999
## 46398	4	0.9999999
## 46399	2	0.9999999
## 46400	2	0.9999999
## 46401	2	0.9999999
## 46402	2	0.9999999
## 46403	4	0.9999999
## 46404	3	0.9999999
## 46405	4	0.9999999
## 46406	3	0.9999999
## 46407	2	0.9999999
## 46408	4	0.9999999
## 46409	3	0.9999999
## 46410	4	0.9999999
## 46411	2	0.9999999
## 46412	2	0.9999999
## 46413	0	0.9999999
## 46414	2	0.9999999
## 46415	3	0.9999999

## 46416	2	0.9999999
## 46417	0	0.9999998
## 46418	3	0.9999999
## 46419	2	0.9999999
## 46420	3	0.9999999
## 46421	4	0.9999999
## 46422	3	0.9999999
## 46423	4	0.9999999
## 46424	2	0.9999999
## 46425	3	0.9999999
## 46426	2	0.9999999
## 46427	2	0.9999999
## 46428	3	0.9999998
## 46429	2	0.9999998
## 46430	2	0.9999998
## 46431	4	0.9999999
## 46432	4	0.9999999
## 46433	2	0.9999998
## 46434	3	0.9999999
## 46435	3	0.9999999
## 46436	4	0.9999999
## 46437	3	0.9999999
## 46438	2	0.9999999
## 46439	3	0.9999999
## 46440	4	0.9999999
## 46441	3	0.9999999
## 46442	2	0.9999999
## 46443	3	0.9999999
## 46444	4	0.9999999
## 46445	1	0.9999999
## 46446	3	0.9999999
## 46447	0	0.9999999
## 46448	2	0.9999999
## 46449	3	0.9999999
## 46450	3	0.9999999
## 46451	3	0.9999999
## 46452	4	0.9999998
## 46453	4	0.9999999
## 46454	3	0.9999999
## 46455	2	0.9999999
## 46456	3	0.9999999
## 46457	3	0.9999999
## 46458	4	0.9999999
## 46459	2	0.9999999
## 46460	2	0.9999999
## 46461	3	0.9999999
## 46462	2	0.9999999
## 46463	2	0.9999998
## 46464	2	0.9999999
## 46465	1	0.9999999
## 46466	4	0.9999999
## 46467	2	0.9999999
## 46468	4	0.9999999
## 46469	4	0.9999999

## 46470	2	0.9999999
## 46471	2	0.9999999
## 46472	2	0.9999999
## 46473	1	0.9999999
## 46474	3	0.9999999
## 46475	3	0.9999999
## 46476	2	0.9999999
## 46477	3	0.9999999
## 46478	3	0.9999999
## 46479	1	0.9999999
## 46480	2	0.9999999
## 46481	2	0.9999999
## 46482	2	0.9999999
## 46483	2	0.9999999
## 46484	0	0.9999999
## 46485	4	0.9999998
## 46486	3	0.9999998
## 46487	2	0.9999999
## 46488	2	0.9999999
## 46489	2	0.9999999
## 46490	4	0.9999999
## 46491	0	0.9999999
## 46492	2	0.9999999
## 46493	2	0.9999999
## 46494	3	0.9999999
## 46495	3	0.9999999
## 46496	2	0.9999999
## 46497	4	0.9999999
## 46498	0	0.9999999
## 46499	2	0.9999999
## 46500	3	0.9999999
## 46501	3	0.9999999
## 46502	2	0.9999999
## 46503	4	0.9999999
## 46504	3	0.9999999
## 46505	3	0.9999999
## 46506	3	0.9999999
## 46507	2	0.9999998
## 46508	0	0.9999999
## 46509	3	0.9999999
## 46510	3	0.9999999
## 46511	4	0.9999999
## 46512	3	0.9999999
## 46513	2	0.9999999
## 46514	4	0.9999999
## 46515	1	0.9999999
## 46516	2	0.9999999
## 46517	2	0.9999998
## 46518	2	0.9999999
## 46519	2	0.9999999
## 46520	3	0.9999999
## 46521	4	0.9999999
## 46522	4	0.9999999
## 46523	4	0.9999999

## 46524	3	0.9999999
## 46525	4	0.9999999
## 46526	4	0.9999999
## 46527	0	0.9999999
## 46528	1	0.9999999
## 46529	3	0.9999999
## 46530	1	0.9999999
## 46531	2	0.9999999
## 46532	3	0.9999999
## 46533	3	0.9999999
## 46534	4	0.9999999
## 46535	3	0.9999999
## 46536	4	0.9999999
## 46537	4	0.9999999
## 46538	2	0.9999999
## 46539	3	0.9999999
## 46540	4	0.9999999
## 46541	4	0.9999999
## 46542	3	0.9999999
## 46543	4	0.9999999
## 46544	3	0.9999999
## 46545	0	0.9999999
## 46546	3	0.9999999
## 46547	2	0.9999999
## 46548	3	0.9999999
## 46549	1	0.9999999
## 46550	1	0.9999999
## 46551	4	0.9999999
## 46552	3	0.9999999
## 46553	2	0.9999999
## 46554	3	0.9999999
## 46555	2	0.9999999
## 46556	2	0.9999999
## 46557	2	0.9999999
## 46558	4	0.9999999
## 46559	3	0.9999999
## 46560	0	0.9999998
## 46561	1	0.9999999
## 46562	0	0.9999999
## 46563	4	0.9999999
## 46564	3	0.9999999
## 46565	2	0.9999999
## 46566	4	0.9999999
## 46567	3	0.9999999
## 46568	3	0.9999999
## 46569	4	0.9999999
## 46570	4	0.9999999
## 46571	3	0.9999999
## 46572	4	0.9999999
## 46573	3	0.9999999
## 46574	2	0.9999999
## 46575	4	0.9999999
## 46576	4	0.9999999
## 46577	2	0.9999999

## 46578	2	0.9999999
## 46579	2	0.9999999
## 46580	3	0.9999999
## 46581	3	0.9999999
## 46582	2	0.9999999
## 46583	4	0.9999999
## 46584	2	0.9999999
## 46585	3	0.9999999
## 46586	3	0.9999999
## 46587	4	0.9999999
## 46588	2	0.9999999
## 46589	3	0.9999999
## 46590	2	0.9999999
## 46591	2	0.9999999
## 46592	2	0.9999999
## 46593	0	0.9999999
## 46594	2	0.9999999
## 46595	0	0.9999999
## 46596	2	0.9999999
## 46597	3	0.9999999
## 46598	2	0.9999999
## 46599	1	0.9999999
## 46600	3	0.9999999
## 46601	3	0.9999999
## 46602	2	0.9999998
## 46603	4	0.9999999
## 46604	4	0.9999999
## 46605	2	0.9999999
## 46606	2	0.9999999
## 46607	4	0.9999999
## 46608	2	0.9999999
## 46609	4	0.9999999
## 46610	3	0.9999999
## 46611	2	0.9999999
## 46612	2	0.9999999
## 46613	1	0.9999999
## 46614	0	0.9999999
## 46615	4	0.9999999
## 46616	2	0.9999999
## 46617	1	0.9999999
## 46618	1	0.9999999
## 46619	2	0.9999999
## 46620	1	0.9999999
## 46621	3	0.9999999
## 46622	3	0.9999999
## 46623	2	0.9999999
## 46624	3	0.9999999
## 46625	2	0.9999999
## 46626	2	0.9999999
## 46627	4	0.9999999
## 46628	4	0.9999999
## 46629	2	0.9999999
## 46630	4	0.9999999
## 46631	2	0.9999999

## 46632	3	0.9999999
## 46633	3	0.9999999
## 46634	3	0.9999999
## 46635	4	0.9999999
## 46636	2	0.9999999
## 46637	2	0.9999998
## 46638	2	0.9999999
## 46639	3	0.9999999
## 46640	3	0.9999999
## 46641	2	0.9999999
## 46642	2	0.9999999
## 46643	4	0.9999999
## 46644	4	0.9999999
## 46645	2	0.9999998
## 46646	3	0.9999999
## 46647	2	0.9999999
## 46648	2	0.9999999
## 46649	4	0.9999999
## 46650	1	0.9999999
## 46651	3	0.9999999
## 46652	3	0.9999999
## 46653	1	0.9999999
## 46654	2	0.9999999
## 46655	0	0.9999999
## 46656	3	0.9999999
## 46657	2	0.9999999
## 46658	4	0.9999999
## 46659	2	0.9999999
## 46660	2	0.9999999
## 46661	2	0.9999999
## 46662	4	0.9999999
## 46663	2	0.9999998
## 46664	3	0.9999999
## 46665	2	0.9999999
## 46666	4	0.9999998
## 46667	3	0.9999999
## 46668	2	0.9999999
## 46669	3	0.9999999
## 46670	0	0.9999999
## 46671	2	0.9999999
## 46672	2	0.9999999
## 46673	2	0.9999999
## 46674	0	0.9999999
## 46675	2	0.9999999
## 46676	3	0.9999999
## 46677	2	0.9999999
## 46678	4	0.9999999
## 46679	4	0.9999999
## 46680	3	0.9999999
## 46681	2	0.9999999
## 46682	3	0.9999999
## 46683	2	0.9999999
## 46684	3	0.9999999
## 46685	4	0.9999999

## 46686	4	0.9999999
## 46687	1	0.9999999
## 46688	2	0.9999999
## 46689	1	0.9999999
## 46690	4	0.9999999
## 46691	4	0.9999999
## 46692	4	0.9999999
## 46693	2	0.9999999
## 46694	2	0.9999999
## 46695	2	0.9999999
## 46696	0	0.9999999
## 46697	2	0.9999999
## 46698	2	0.9999999
## 46699	3	0.9999999
## 46700	3	0.9999999
## 46701	3	0.9999999
## 46702	2	0.9999998
## 46703	4	0.9999999
## 46704	3	0.9999998
## 46705	2	0.9999999
## 46706	2	0.9999999
## 46707	1	0.9999999
## 46708	2	0.9999999
## 46709	2	0.9999999
## 46710	3	0.9999998
## 46711	1	0.9999998
## 46712	2	0.9999999
## 46713	3	0.9999999
## 46714	4	0.9999999
## 46715	4	0.9999999
## 46716	2	0.9999999
## 46717	2	0.9999999
## 46718	1	0.9999999
## 46719	3	0.9999999
## 46720	3	0.9999999
## 46721	0	0.9999999
## 46722	2	0.9999998
## 46723	2	0.9999999
## 46724	1	0.9999999
## 46725	2	0.9999999
## 46726	2	0.9999999
## 46727	3	0.9999999
## 46728	3	0.9999999
## 46729	2	0.9999999
## 46730	3	0.9999999
## 46731	4	0.9999999
## 46732	3	0.9999999
## 46733	1	0.9999999
## 46734	0	0.9999999
## 46735	4	0.9999999
## 46736	3	0.9999999
## 46737	3	0.9999999
## 46738	3	0.9999999
## 46739	2	0.9999999

## 46740	2	0.9999999
## 46741	2	0.9999999
## 46742	2	0.9999999
## 46743	1	0.9999999
## 46744	4	0.9999999
## 46745	3	0.9999999
## 46746	2	0.9999999
## 46747	3	0.9999999
## 46748	2	0.9999999
## 46749	2	0.9999999
## 46750	2	0.9999999
## 46751	2	0.9999999
## 46752	2	0.9999999
## 46753	2	0.9999999
## 46754	2	0.9999999
## 46755	2	0.9999999
## 46756	2	0.9999999
## 46757	0	0.9999999
## 46758	3	0.9999999
## 46759	3	0.9999999
## 46760	4	0.9999999
## 46761	3	0.9999999
## 46762	2	0.9999999
## 46763	2	0.9999999
## 46764	3	0.9999999
## 46765	3	0.9999999
## 46766	2	0.9999999
## 46767	0	0.9999999
## 46768	3	0.9999999
## 46769	0	0.9999999
## 46770	1	0.9999999
## 46771	2	0.9999998
## 46772	4	0.9999999
## 46773	0	0.9999999
## 46774	3	0.9999999
## 46775	4	0.9999999
## 46776	2	0.9999999
## 46777	0	0.9999999
## 46778	2	0.9999999
## 46779	4	0.9999999
## 46780	4	0.9999999
## 46781	4	0.9999999
## 46782	3	0.9999999
## 46783	0	0.9999999
## 46784	2	0.9999999
## 46785	3	0.9999999
## 46786	4	0.9999999
## 46787	3	0.9999999
## 46788	4	0.9999999
## 46789	2	0.9999999
## 46790	4	0.9999999
## 46791	4	0.9999999
## 46792	3	0.9999999
## 46793	3	0.9999999

## 46794	2	0.9999999
## 46795	3	0.9999998
## 46796	3	0.9999999
## 46797	2	0.9999999
## 46798	3	0.9999999
## 46799	4	0.9999999
## 46800	1	0.9999999
## 46801	2	0.9999999
## 46802	2	0.9999999
## 46803	4	0.9999999
## 46804	2	0.9999999
## 46805	1	0.9999999
## 46806	3	0.9999999
## 46807	4	0.9999999
## 46808	2	0.9999999
## 46809	2	0.9999999
## 46810	2	0.9999998
## 46811	2	0.9999999
## 46812	1	0.9999999
## 46813	3	0.9999999
## 46814	3	0.9999999
## 46815	4	0.9999999
## 46816	2	0.9999999
## 46817	2	0.9999999
## 46818	3	0.9999999
## 46819	2	0.9999999
## 46820	2	0.9999999
## 46821	4	0.9999999
## 46822	2	0.9999999
## 46823	3	0.9999999
## 46824	4	0.9999999
## 46825	4	0.9999999
## 46826	3	0.9999999
## 46827	0	0.9999999
## 46828	2	0.9999999
## 46829	0	0.9999999
## 46830	4	0.9999999
## 46831	4	0.9999999
## 46832	2	0.9999999
## 46833	2	0.9999998
## 46834	2	0.9999999
## 46835	1	0.9999999
## 46836	2	0.9999999
## 46837	3	0.9999999
## 46838	2	0.9999998
## 46839	3	0.9999999
## 46840	3	0.9999999
## 46841	3	0.9999999
## 46842	4	0.9999999
## 46843	3	0.9999999
## 46844	4	0.9999999
## 46845	3	0.9999999
## 46846	4	0.9999999
## 46847	2	0.9999999

## 46848	2	0.9999999
## 46849	4	0.9999999
## 46850	1	0.9999998
## 46851	4	0.9999999
## 46852	1	0.9999999
## 46853	4	0.9999999
## 46854	4	0.9999999
## 46855	3	0.9999999
## 46856	2	0.9999999
## 46857	2	0.9999999
## 46858	3	0.9999999
## 46859	2	0.9999999
## 46860	2	0.9999999
## 46861	4	0.9999999
## 46862	3	0.9999999
## 46863	2	0.9999999
## 46864	2	0.9999999
## 46865	1	0.9999999
## 46866	3	0.9999999
## 46867	3	0.9999999
## 46868	3	0.9999999
## 46869	4	0.9999999
## 46870	1	0.9999999
## 46871	2	0.9999999
## 46872	2	0.9999999
## 46873	4	0.9999999
## 46874	2	0.9999999
## 46875	3	0.9999999
## 46876	3	0.9999999
## 46877	3	0.9999999
## 46878	3	0.9999999
## 46879	3	0.9999999
## 46880	4	0.9999999
## 46881	4	0.9999999
## 46882	4	0.9999999
## 46883	1	0.9999999
## 46884	2	0.9999999
## 46885	4	0.9999999
## 46886	2	0.9999999
## 46887	2	0.9999999
## 46888	3	0.9999999
## 46889	1	0.9999999
## 46890	4	0.9999999
## 46891	1	0.9999998
## 46892	4	0.9999999
## 46893	2	0.9999999
## 46894	2	0.9999999
## 46895	3	0.9999999
## 46896	2	0.9999999
## 46897	2	0.9999999
## 46898	4	0.9999999
## 46899	3	0.9999999
## 46900	2	0.9999999
## 46901	1	0.9999999

## 46902	2	0.9999999
## 46903	4	0.9999998
## 46904	3	0.9999999
## 46905	2	0.9999999
## 46906	3	0.9999999
## 46907	3	0.9999999
## 46908	4	0.9999999
## 46909	2	0.9999999
## 46910	1	0.9999999
## 46911	2	0.9999999
## 46912	4	0.9999999
## 46913	3	0.9999999
## 46914	3	0.9999998
## 46915	3	0.9999999
## 46916	3	0.9999999
## 46917	3	0.9999999
## 46918	4	0.9999999
## 46919	0	0.9999999
## 46920	4	0.9999999
## 46921	3	0.9999999
## 46922	2	0.9999999
## 46923	1	0.9999999
## 46924	0	0.9999999
## 46925	3	0.9999999
## 46926	2	0.9999999
## 46927	3	0.9999999
## 46928	4	0.9999999
## 46929	2	0.9999999
## 46930	3	0.9999999
## 46931	3	0.9999999
## 46932	2	0.9999999
## 46933	2	0.9999999
## 46934	2	0.9999999
## 46935	4	0.9999999
## 46936	2	0.9999999
## 46937	3	0.9999999
## 46938	4	0.9999998
## 46939	3	0.9999999
## 46940	2	0.9999999
## 46941	4	0.9999998
## 46942	3	0.9999999
## 46943	4	0.9999999
## 46944	2	0.9999999
## 46945	2	0.9999999
## 46946	2	0.9999999
## 46947	4	0.9999999
## 46948	1	0.9999999
## 46949	4	0.9999999
## 46950	3	0.9999999
## 46951	3	0.9999999
## 46952	1	0.9999999
## 46953	3	0.9999999
## 46954	3	0.9999999
## 46955	4	0.9999999

## 46956	3	0.9999999
## 46957	4	0.9999999
## 46958	3	0.9999998
## 46959	1	0.9999999
## 46960	1	0.9999999
## 46961	2	0.9999999
## 46962	2	0.9999999
## 46963	2	0.9999999
## 46964	4	0.9999999
## 46965	4	0.9999999
## 46966	0	0.9999999
## 46967	4	0.9999999
## 46968	2	0.9999999
## 46969	0	0.9999999
## 46970	2	0.9999999
## 46971	3	0.9999998
## 46972	2	0.9999999
## 46973	4	0.9999999
## 46974	3	0.9999999
## 46975	2	0.9999999
## 46976	3	0.9999999
## 46977	1	0.9999998
## 46978	4	0.9999999
## 46979	1	0.9999999
## 46980	2	0.9999999
## 46981	4	0.9999999
## 46982	4	0.9999999
## 46983	3	0.9999999
## 46984	2	0.9999999
## 46985	2	0.9999999
## 46986	2	0.9999999
## 46987	4	0.9999999
## 46988	3	0.9999999
## 46989	2	0.9999999
## 46990	4	0.9999999
## 46991	1	0.9999999
## 46992	0	0.9999999
## 46993	2	0.9999999
## 46994	2	0.9999999
## 46995	2	0.9999999
## 46996	2	0.9999999
## 46997	0	0.9999999
## 46998	2	0.9999999
## 46999	2	0.9999999
## 47000	3	0.9999999
## 47001	2	0.9999999
## 47002	4	0.9999999
## 47003	4	0.9999999
## 47004	2	0.9999999
## 47005	2	0.9999999
## 47006	3	0.9999999
## 47007	3	0.9999999
## 47008	2	0.9999999
## 47009	2	0.9999999

## 47010	3	0.9999999
## 47011	2	0.9999999
## 47012	2	0.9999999
## 47013	3	0.9999999
## 47014	2	0.9999998
## 47015	2	0.9999999
## 47016	2	0.9999999
## 47017	2	0.9999999
## 47018	2	0.9999999
## 47019	3	0.9999999
## 47020	1	0.9999999
## 47021	3	0.9999999
## 47022	4	0.9999998
## 47023	3	0.9999999
## 47024	2	0.9999999
## 47025	4	0.9999999
## 47026	3	0.9999999
## 47027	4	0.9999999
## 47028	2	0.9999999
## 47029	2	0.9999999
## 47030	3	0.9999999
## 47031	3	0.9999999
## 47032	2	0.9999999
## 47033	2	0.9999999
## 47034	2	0.9999999
## 47035	2	0.9999999
## 47036	4	0.9999999
## 47037	3	0.9999999
## 47038	3	0.9999999
## 47039	1	0.9999999
## 47040	2	0.9999999
## 47041	4	0.9999999
## 47042	3	0.9999999
## 47043	2	0.9999999
## 47044	3	0.9999999
## 47045	3	0.9999999
## 47046	1	0.9999999
## 47047	2	0.9999999
## 47048	2	0.9999999
## 47049	3	0.9999999
## 47050	4	0.9999999
## 47051	2	0.9999999
## 47052	2	0.9999999
## 47053	3	0.9999999
## 47054	0	0.9999999
## 47055	1	0.9999999
## 47056	2	0.9999999
## 47057	4	0.9999998
## 47058	3	0.9999999
## 47059	2	0.9999999
## 47060	4	0.9999999
## 47061	2	0.9999999
## 47062	2	0.9999999
## 47063	2	0.9999999

## 47064	1	0.9999999
## 47065	4	0.9999999
## 47066	2	0.9999999
## 47067	2	0.9999999
## 47068	4	0.9999999
## 47069	3	0.9999999
## 47070	2	0.9999999
## 47071	1	0.9999999
## 47072	2	0.9999999
## 47073	2	0.9999998
## 47074	1	0.9999999
## 47075	2	0.9999999
## 47076	2	0.9999999
## 47077	1	0.9999999
## 47078	4	0.9999999
## 47079	0	0.9999999
## 47080	2	0.9999998
## 47081	2	0.9999999
## 47082	2	0.9999999
## 47083	3	0.9999999
## 47084	1	0.9999999
## 47085	3	0.9999999
## 47086	2	0.9999999
## 47087	2	0.9999999
## 47088	3	0.9999999
## 47089	2	0.9999999
## 47090	0	0.9999999
## 47091	2	0.9999999
## 47092	4	0.9999998
## 47093	3	0.9999999
## 47094	3	0.9999999
## 47095	3	0.9999999
## 47096	2	0.9999999
## 47097	4	0.9999999
## 47098	4	0.9999999
## 47099	2	0.9999999
## 47100	2	0.9999999
## 47101	3	0.9999999
## 47102	2	0.9999999
## 47103	1	0.9999999
## 47104	0	0.9999999
## 47105	2	0.9999999
## 47106	2	0.9999999
## 47107	4	0.9999998
## 47108	4	0.9999999
## 47109	2	0.9999998
## 47110	2	0.9999999
## 47111	0	0.9999999
## 47112	4	0.9999999
## 47113	4	0.9999999
## 47114	2	0.9999999
## 47115	2	0.9999999
## 47116	2	0.9999999
## 47117	2	0.9999999

## 47118	2	0.9999999
## 47119	3	0.9999998
## 47120	2	0.9999999
## 47121	2	0.9999999
## 47122	2	0.9999999
## 47123	3	0.9999999
## 47124	1	0.9999999
## 47125	4	0.9999999
## 47126	4	0.9999999
## 47127	3	0.9999999
## 47128	3	0.9999999
## 47129	3	0.9999999
## 47130	4	0.9999999
## 47131	1	0.9999999
## 47132	3	0.9999999
## 47133	2	0.9999999
## 47134	3	0.9999999
## 47135	2	0.9999999
## 47136	4	0.9999999
## 47137	3	0.9999998
## 47138	2	0.9999999
## 47139	2	0.9999999
## 47140	4	0.9999999
## 47141	3	0.9999999
## 47142	2	0.9999999
## 47143	2	0.9999999
## 47144	3	0.9999999
## 47145	4	0.9999999
## 47146	2	0.9999999
## 47147	2	0.9999999
## 47148	3	0.9999999
## 47149	2	0.9999999
## 47150	1	0.9999998
## 47151	3	0.9999999
## 47152	2	0.9999999
## 47153	4	0.9999999
## 47154	2	0.9999999
## 47155	4	0.9999999
## 47156	2	0.9999999
## 47157	3	0.9999998
## 47158	3	0.9999999
## 47159	2	0.9999999
## 47160	3	0.9999999
## 47161	3	0.9999999
## 47162	4	0.9999999
## 47163	1	0.9999999
## 47164	4	0.9999999
## 47165	3	0.9999999
## 47166	2	0.9999999
## 47167	3	0.9999999
## 47168	4	0.9999999
## 47169	4	0.9999999
## 47170	3	0.9999999
## 47171	3	0.9999999

## 47172	4	0.9999999
## 47173	1	0.9999999
## 47174	2	0.9999999
## 47175	2	0.9999999
## 47176	3	0.9999999
## 47177	4	0.9999999
## 47178	3	0.9999999
## 47179	4	0.9999999
## 47180	2	0.9999999
## 47181	3	0.9999999
## 47182	2	0.9999999
## 47183	2	0.9999999
## 47184	3	0.9999999
## 47185	1	0.9999999
## 47186	1	0.9999999
## 47187	3	0.9999999
## 47188	4	0.9999999
## 47189	4	0.9999998
## 47190	0	0.9999998
## 47191	3	0.9999999
## 47192	3	0.9999999
## 47193	3	0.9999999
## 47194	3	0.9999999
## 47195	2	0.9999999
## 47196	2	0.9999999
## 47197	3	0.9999999
## 47198	3	0.9999999
## 47199	4	0.9999999
## 47200	2	0.9999999
## 47201	3	0.9999999
## 47202	4	0.9999999
## 47203	2	0.9999999
## 47204	3	0.9999999
## 47205	1	0.9999999
## 47206	3	0.9999999
## 47207	3	0.9999999
## 47208	3	0.9999999
## 47209	4	0.9999999
## 47210	2	0.9999999
## 47211	3	0.9999999
## 47212	0	0.9999999
## 47213	2	0.9999999
## 47214	0	0.9999999
## 47215	3	0.9999999
## 47216	2	0.9999999
## 47217	2	0.9999999
## 47218	3	0.9999999
## 47219	2	0.9999999
## 47220	3	0.9999999
## 47221	2	0.9999999
## 47222	3	0.9999999
## 47223	1	0.9999999
## 47224	2	0.9999999
## 47225	1	0.9999999

## 47226	4	0.9999999
## 47227	2	0.9999999
## 47228	1	0.9999999
## 47229	1	0.9999999
## 47230	0	0.9999999
## 47231	3	0.9999999
## 47232	3	0.9999999
## 47233	1	0.9999999
## 47234	2	0.9999999
## 47235	3	0.9999999
## 47236	2	0.9999999
## 47237	4	0.9999999
## 47238	4	0.9999999
## 47239	2	0.9999999
## 47240	2	0.9999999
## 47241	3	0.9999999
## 47242	0	0.9999999
## 47243	3	0.9999999
## 47244	2	0.9999998
## 47245	2	0.9999999
## 47246	1	0.9999999
## 47247	2	0.9999999
## 47248	2	0.9999999
## 47249	4	0.9999999
## 47250	3	0.9999999
## 47251	2	0.9999998
## 47252	2	0.9999999
## 47253	2	0.9999999
## 47254	2	0.9999999
## 47255	3	0.9999999
## 47256	4	0.9999999
## 47257	4	0.9999999
## 47258	3	0.9999999
## 47259	1	0.9999999
## 47260	2	0.9999999
## 47261	4	0.9999998
## 47262	4	0.9999999
## 47263	2	0.9999999
## 47264	2	0.9999999
## 47265	4	0.9999999
## 47266	4	0.9999999
## 47267	2	0.9999999
## 47268	2	0.9999999
## 47269	2	0.9999999
## 47270	3	0.9999999
## 47271	3	0.9999999
## 47272	3	0.9999999
## 47273	2	0.9999999
## 47274	2	0.9999999
## 47275	2	0.9999999
## 47276	2	0.9999999
## 47277	2	0.9999999
## 47278	3	0.9999999
## 47279	1	0.9999999

## 47280	2	0.9999999
## 47281	1	0.9999999
## 47282	2	0.9999999
## 47283	2	0.9999999
## 47284	2	0.9999999
## 47285	2	0.9999999
## 47286	1	0.9999999
## 47287	2	0.9999999
## 47288	4	0.9999999
## 47289	4	0.9999999
## 47290	4	0.9999999
## 47291	4	0.9999999
## 47292	2	0.9999998
## 47293	2	0.9999999
## 47294	2	0.9999999
## 47295	4	0.9999999
## 47296	4	0.9999999
## 47297	4	0.9999998
## 47298	1	0.9999999
## 47299	4	0.9999999
## 47300	3	0.9999999
## 47301	3	0.9999999
## 47302	3	0.9999999
## 47303	3	0.9999999
## 47304	2	0.9999999
## 47305	2	0.9999999
## 47306	3	0.9999999
## 47307	3	0.9999999
## 47308	2	0.9999999
## 47309	2	0.9999999
## 47310	2	0.9999999
## 47311	4	0.9999999
## 47312	2	0.9999999
## 47313	4	0.9999999
## 47314	3	0.9999999
## 47315	2	0.9999999
## 47316	4	0.9999999
## 47317	2	0.9999999
## 47318	2	0.9999999
## 47319	0	0.9999999
## 47320	4	0.9999999
## 47321	4	0.9999999
## 47322	2	0.9999999
## 47323	2	0.9999999
## 47324	4	0.9999999
## 47325	2	0.9999999
## 47326	4	0.9999999
## 47327	2	0.9999999
## 47328	2	0.9999999
## 47329	3	0.9999998
## 47330	2	0.9999999
## 47331	4	0.9999999
## 47332	2	0.9999999
## 47333	4	0.9999999

## 47334	4	0.9999999
## 47335	3	0.9999999
## 47336	4	0.9999999
## 47337	3	0.9999999
## 47338	1	0.9999999
## 47339	2	0.9999999
## 47340	3	0.9999999
## 47341	4	0.9999999
## 47342	3	0.9999999
## 47343	1	0.9999999
## 47344	4	0.9999999
## 47345	2	0.9999999
## 47346	3	0.9999999
## 47347	2	0.9999999
## 47348	2	0.9999999
## 47349	3	0.9999999
## 47350	3	0.9999999
## 47351	4	0.9999999
## 47352	3	0.9999999
## 47353	1	0.9999999
## 47354	2	0.9999998
## 47355	0	0.9999999
## 47356	4	0.9999999
## 47357	3	0.9999999
## 47358	2	0.9999998
## 47359	4	0.9999999
## 47360	3	0.9999999
## 47361	1	0.9999999
## 47362	2	0.9999999
## 47363	4	0.9999999
## 47364	2	0.9999999
## 47365	4	0.9999999
## 47366	2	0.9999999
## 47367	3	0.9999999
## 47368	3	0.9999999
## 47369	2	0.9999999
## 47370	2	0.9999999
## 47371	4	0.9999999
## 47372	4	0.9999999
## 47373	1	0.9999999
## 47374	2	0.9999999
## 47375	4	0.9999999
## 47376	2	0.9999999
## 47377	2	0.9999999
## 47378	3	0.9999999
## 47379	4	0.9999999
## 47380	2	0.9999999
## 47381	2	0.9999999
## 47382	2	0.9999999
## 47383	1	0.9999999
## 47384	3	0.9999998
## 47385	2	0.9999999
## 47386	3	0.9999999
## 47387	2	0.9999999

## 47388	3	0.9999999
## 47389	4	0.9999999
## 47390	1	0.9999999
## 47391	4	0.9999999
## 47392	4	0.9999999
## 47393	2	0.9999999
## 47394	2	0.9999999
## 47395	3	0.9999999
## 47396	1	0.9999999
## 47397	3	0.9999999
## 47398	3	0.9999999
## 47399	1	0.9999999
## 47400	3	0.9999999
## 47401	3	0.9999999
## 47402	3	0.9999999
## 47403	4	0.9999999
## 47404	0	0.9999999
## 47405	1	0.9999999
## 47406	3	0.9999999
## 47407	2	0.9999999
## 47408	2	0.9999999
## 47409	3	0.9999999
## 47410	4	0.9999999
## 47411	2	0.9999999
## 47412	2	0.9999999
## 47413	4	0.9999999
## 47414	3	0.9999999
## 47415	4	0.9999999
## 47416	2	0.9999999
## 47417	2	0.9999999
## 47418	2	0.9999999
## 47419	3	0.9999999
## 47420	2	0.9999999
## 47421	3	0.9999999
## 47422	3	0.9999999
## 47423	4	0.9999999
## 47424	4	0.9999999
## 47425	4	0.9999999
## 47426	4	0.9999999
## 47427	2	0.9999999
## 47428	2	0.9999999
## 47429	3	0.9999999
## 47430	4	0.9999999
## 47431	4	0.9999999
## 47432	4	0.9999999
## 47433	4	0.9999999
## 47434	2	0.9999999
## 47435	3	0.9999999
## 47436	4	0.9999999
## 47437	4	0.9999999
## 47438	4	0.9999999
## 47439	4	0.9999999
## 47440	3	0.9999999
## 47441	1	0.9999999

## 47442	1	0.9999999
## 47443	3	0.9999999
## 47444	4	0.9999999
## 47445	2	0.9999999
## 47446	3	0.9999999
## 47447	0	0.9999999
## 47448	4	0.9999999
## 47449	2	0.9999999
## 47450	2	0.9999999
## 47451	2	0.9999999
## 47452	2	0.9999999
## 47453	2	0.9999999
## 47454	1	0.9999999
## 47455	1	0.9999999
## 47456	2	0.9999999
## 47457	4	0.9999999
## 47458	2	0.9999999
## 47459	1	0.9999999
## 47460	4	0.9999999
## 47461	3	0.9999999
## 47462	4	0.9999999
## 47463	3	0.9999999
## 47464	3	0.9999999
## 47465	4	0.9999999
## 47466	2	0.9999999
## 47467	4	0.9999999
## 47468	3	0.9999999
## 47469	2	0.9999999
## 47470	3	0.9999999
## 47471	4	0.9999999
## 47472	4	0.9999999
## 47473	1	0.9999999
## 47474	2	0.9999999
## 47475	1	0.9999999
## 47476	4	0.9999999
## 47477	1	0.9999999
## 47478	3	0.9999999
## 47479	3	0.9999999
## 47480	3	0.9999999
## 47481	2	0.9999999
## 47482	2	0.9999998
## 47483	2	0.9999999
## 47484	3	0.9999998
## 47485	3	0.9999999
## 47486	0	0.9999999
## 47487	2	0.9999999
## 47488	2	0.9999999
## 47489	3	0.9999999
## 47490	3	0.9999999
## 47491	2	0.9999999
## 47492	4	0.9999999
## 47493	3	0.9999999
## 47494	3	0.9999999
## 47495	3	0.9999999

## 47496	2	0.9999999
## 47497	4	0.9999999
## 47498	3	0.9999999
## 47499	2	0.9999999
## 47500	2	0.9999999
## 47501	3	0.9999999
## 47502	4	0.9999999
## 47503	3	0.9999999
## 47504	3	0.9999999
## 47505	4	0.9999999
## 47506	4	0.9999999
## 47507	2	0.9999999
## 47508	2	0.9999999
## 47509	1	0.9999999
## 47510	4	0.9999999
## 47511	1	0.9999999
## 47512	4	0.9999999
## 47513	4	0.9999999
## 47514	2	0.9999999
## 47515	3	0.9999999
## 47516	2	0.9999999
## 47517	4	0.9999999
## 47518	4	0.9999999
## 47519	3	0.9999999
## 47520	4	0.9999999
## 47521	4	0.9999999
## 47522	2	0.9999998
## 47523	3	0.9999999
## 47524	2	0.9999999
## 47525	3	0.9999999
## 47526	2	0.9999999
## 47527	2	0.9999999
## 47528	2	0.9999998
## 47529	3	0.9999999
## 47530	4	0.9999999
## 47531	4	0.9999999
## 47532	2	0.9999999
## 47533	0	0.9999999
## 47534	3	0.9999999
## 47535	1	0.9999999
## 47536	3	0.9999999
## 47537	1	0.9999999
## 47538	3	0.9999999
## 47539	4	0.9999998
## 47540	2	0.9999999
## 47541	4	0.9999999
## 47542	2	0.9999999
## 47543	4	0.9999999
## 47544	2	0.9999999
## 47545	2	0.9999999
## 47546	2	0.9999998
## 47547	4	0.9999999
## 47548	2	0.9999999
## 47549	4	0.9999998

## 47550	2	0.9999999
## 47551	2	0.9999999
## 47552	2	0.9999999
## 47553	3	0.9999999
## 47554	2	0.9999999
## 47555	4	0.9999998
## 47556	2	0.9999999
## 47557	3	0.9999999
## 47558	2	0.9999999
## 47559	3	0.9999999
## 47560	1	0.9999999
## 47561	4	0.9999999
## 47562	3	0.9999999
## 47563	3	0.9999999
## 47564	1	0.9999999
## 47565	1	0.9999998
## 47566	0	0.9999999
## 47567	4	0.9999999
## 47568	2	0.9999999
## 47569	4	0.9999999
## 47570	4	0.9999999
## 47571	1	0.9999999
## 47572	2	0.9999999
## 47573	4	0.9999999
## 47574	2	0.9999999
## 47575	3	0.9999999
## 47576	3	0.9999999
## 47577	0	0.9999999
## 47578	2	0.9999999
## 47579	3	0.9999999
## 47580	2	0.9999999
## 47581	4	0.9999999
## 47582	2	0.9999999
## 47583	3	0.9999999
## 47584	2	0.9999999
## 47585	1	0.9999999
## 47586	4	0.9999999
## 47587	2	0.9999999
## 47588	2	0.9999999
## 47589	2	0.9999999
## 47590	4	0.9999999
## 47591	2	0.9999999
## 47592	2	0.9999998
## 47593	2	0.9999999
## 47594	4	0.9999999
## 47595	2	0.9999999
## 47596	3	0.9999999
## 47597	3	0.9999999
## 47598	3	0.9999999
## 47599	3	0.9999999
## 47600	2	0.9999999
## 47601	3	0.9999999
## 47602	4	0.9999999
## 47603	4	0.9999999

## 47604	3	0.9999999
## 47605	1	0.9999999
## 47606	2	0.9999999
## 47607	4	0.9999999
## 47608	3	0.9999999
## 47609	2	0.9999999
## 47610	2	0.9999999
## 47611	4	0.9999999
## 47612	2	0.9999999
## 47613	2	0.9999999
## 47614	3	0.9999999
## 47615	4	0.9999999
## 47616	0	0.9999999
## 47617	2	0.9999999
## 47618	2	0.9999999
## 47619	4	0.9999999
## 47620	2	0.9999999
## 47621	2	0.9999999
## 47622	2	0.9999999
## 47623	3	0.9999999
## 47624	2	0.9999999
## 47625	2	0.9999999
## 47626	2	0.9999999
## 47627	4	0.9999999
## 47628	0	0.9999999
## 47629	2	0.9999999
## 47630	2	0.9999999
## 47631	4	0.9999999
## 47632	2	0.9999999
## 47633	4	0.9999999
## 47634	2	0.9999999
## 47635	3	0.9999998
## 47636	1	0.9999999
## 47637	3	0.9999999
## 47638	3	0.9999999
## 47639	3	0.9999999
## 47640	3	0.9999999
## 47641	2	0.9999999
## 47642	2	0.9999999
## 47643	4	0.9999999
## 47644	0	0.9999999
## 47645	3	0.9999999
## 47646	2	0.9999999
## 47647	4	0.9999999
## 47648	2	0.9999999
## 47649	1	0.9999999
## 47650	3	0.9999999
## 47651	2	0.9999999
## 47652	4	0.9999999
## 47653	3	0.9999999
## 47654	2	0.9999999
## 47655	4	0.9999999
## 47656	2	0.9999999
## 47657	3	0.9999998

## 47658	4	0.9999999
## 47659	2	0.9999999
## 47660	2	0.9999999
## 47661	4	0.9999999
## 47662	3	0.9999999
## 47663	3	0.9999999
## 47664	0	0.9999999
## 47665	3	0.9999999
## 47666	0	0.9999998
## 47667	2	0.9999999
## 47668	2	0.9999999
## 47669	1	0.9999999
## 47670	2	0.9999999
## 47671	2	0.9999999
## 47672	4	0.9999999
## 47673	4	0.9999999
## 47674	4	0.9999999
## 47675	2	0.9999999
## 47676	2	0.9999999
## 47677	2	0.9999999
## 47678	4	0.9999999
## 47679	1	0.9999999
## 47680	3	0.9999999
## 47681	3	0.9999999
## 47682	2	0.9999999
## 47683	2	0.9999999
## 47684	2	0.9999999
## 47685	4	0.9999999
## 47686	2	0.9999999
## 47687	3	0.9999999
## 47688	2	0.9999999
## 47689	0	0.9999999
## 47690	4	0.9999999
## 47691	0	0.9999999
## 47692	3	0.9999999
## 47693	2	0.9999999
## 47694	2	0.9999999
## 47695	2	0.9999999
## 47696	2	0.9999999
## 47697	4	0.9999999
## 47698	4	0.9999999
## 47699	2	0.9999999
## 47700	3	0.9999999
## 47701	4	0.9999999
## 47702	3	0.9999999
## 47703	2	0.9999999
## 47704	2	0.9999999
## 47705	1	0.9999999
## 47706	2	0.9999999
## 47707	4	0.9999999
## 47708	0	0.9999999
## 47709	2	0.9999999
## 47710	2	0.9999998
## 47711	3	0.9999999

## 47712	2	0.9999999
## 47713	4	0.9999998
## 47714	4	0.9999998
## 47715	2	0.9999999
## 47716	2	0.9999999
## 47717	3	0.9999999
## 47718	2	0.9999999
## 47719	1	0.9999999
## 47720	4	0.9999999
## 47721	2	0.9999999
## 47722	2	0.9999999
## 47723	2	0.9999999
## 47724	3	0.9999999
## 47725	3	0.9999999
## 47726	3	0.9999999
## 47727	3	0.9999999
## 47728	3	0.9999999
## 47729	2	0.9999999
## 47730	3	0.9999999
## 47731	3	0.9999999
## 47732	2	0.9999999
## 47733	3	0.9999999
## 47734	4	0.9999999
## 47735	2	0.9999999
## 47736	1	0.9999999
## 47737	1	0.9999999
## 47738	3	0.9999999
## 47739	4	0.9999999
## 47740	4	0.9999999
## 47741	3	0.9999999
## 47742	4	0.9999999
## 47743	4	0.9999999
## 47744	2	0.9999999
## 47745	2	0.9999999
## 47746	4	0.9999998
## 47747	3	0.9999999
## 47748	3	0.9999999
## 47749	2	0.9999999
## 47750	1	0.9999999
## 47751	2	0.9999999
## 47752	2	0.9999999
## 47753	1	0.9999999
## 47754	3	0.9999999
## 47755	2	0.9999999
## 47756	2	0.9999999
## 47757	2	0.9999999
## 47758	3	0.9999999
## 47759	3	0.9999999
## 47760	3	0.9999999
## 47761	2	0.9999999
## 47762	2	0.9999999
## 47763	2	0.9999999
## 47764	2	0.9999999
## 47765	4	0.9999999

## 47766	4	0.9999999
## 47767	4	0.9999999
## 47768	3	0.9999999
## 47769	2	0.9999999
## 47770	2	0.9999999
## 47771	2	0.9999999
## 47772	2	0.9999999
## 47773	4	0.9999999
## 47774	3	0.9999999
## 47775	2	0.9999999
## 47776	2	0.9999999
## 47777	2	0.9999999
## 47778	1	0.9999999
## 47779	3	0.9999999
## 47780	4	0.9999999
## 47781	2	0.9999999
## 47782	2	0.9999999
## 47783	2	0.9999998
## 47784	0	0.9999999
## 47785	0	0.9999998
## 47786	3	0.9999999
## 47787	0	0.9999999
## 47788	3	0.9999999
## 47789	3	0.9999999
## 47790	3	0.9999999
## 47791	3	0.9999999
## 47792	2	0.9999999
## 47793	1	0.9999999
## 47794	4	0.9999999
## 47795	3	0.9999999
## 47796	3	0.9999999
## 47797	3	0.9999999
## 47798	3	0.9999998
## 47799	4	0.9999999
## 47800	3	0.9999999
## 47801	1	0.9999999
## 47802	2	0.9999999
## 47803	1	0.9999999
## 47804	3	0.9999999
## 47805	3	0.9999999
## 47806	4	0.9999999
## 47807	4	0.9999999
## 47808	4	0.9999999
## 47809	2	0.9999999
## 47810	0	0.9999999
## 47811	4	0.9999999
## 47812	3	0.9999999
## 47813	3	0.9999998
## 47814	4	0.9999999
## 47815	2	0.9999999
## 47816	2	0.9999999
## 47817	2	0.9999999
## 47818	2	0.9999999
## 47819	2	0.9999999

## 47820	2	0.9999999
## 47821	4	0.9999999
## 47822	2	0.9999999
## 47823	0	0.9999999
## 47824	2	0.9999999
## 47825	4	0.9999999
## 47826	4	0.9999999
## 47827	4	0.9999999
## 47828	3	0.9999999
## 47829	2	0.9999999
## 47830	2	0.9999999
## 47831	2	0.9999999
## 47832	2	0.9999999
## 47833	3	0.9999999
## 47834	1	0.9999999
## 47835	2	0.9999999
## 47836	4	0.9999999
## 47837	2	0.9999999
## 47838	4	0.9999999
## 47839	2	0.9999999
## 47840	4	0.9999999
## 47841	3	0.9999999
## 47842	3	0.9999999
## 47843	3	0.9999999
## 47844	4	0.9999999
## 47845	1	0.9999999
## 47846	2	0.9999999
## 47847	2	0.9999999
## 47848	3	0.9999999
## 47849	4	0.9999999
## 47850	2	0.9999999
## 47851	1	0.9999999
## 47852	3	0.9999999
## 47853	4	0.9999999
## 47854	2	0.9999999
## 47855	2	0.9999999
## 47856	2	0.9999999
## 47857	0	0.9999999
## 47858	3	0.9999999
## 47859	2	0.9999999
## 47860	3	0.9999999
## 47861	1	0.9999999
## 47862	3	0.9999999
## 47863	3	0.9999999
## 47864	4	0.9999999
## 47865	2	0.9999998
## 47866	3	0.9999999
## 47867	2	0.9999999
## 47868	2	0.9999999
## 47869	0	0.9999999
## 47870	4	0.9999999
## 47871	2	0.9999999
## 47872	0	0.9999999
## 47873	3	0.9999999

## 47874	4	0.9999999
## 47875	2	0.9999999
## 47876	3	0.9999999
## 47877	4	0.9999998
## 47878	3	0.9999999
## 47879	3	0.9999999
## 47880	1	0.9999999
## 47881	2	0.9999998
## 47882	4	0.9999999
## 47883	2	0.9999999
## 47884	4	0.9999999
## 47885	4	0.9999999
## 47886	2	0.9999999
## 47887	1	0.9999999
## 47888	3	0.9999998
## 47889	2	0.9999999
## 47890	4	0.9999999
## 47891	4	0.9999999
## 47892	4	0.9999999
## 47893	2	0.9999999
## 47894	0	0.9999999
## 47895	2	0.9999999
## 47896	2	0.9999999
## 47897	3	0.9999999
## 47898	2	0.9999999
## 47899	4	0.9999999
## 47900	2	0.9999999
## 47901	1	0.9999999
## 47902	2	0.9999999
## 47903	0	0.9999999
## 47904	4	0.9999999
## 47905	4	0.9999999
## 47906	2	0.9999999
## 47907	4	0.9999999
## 47908	2	0.9999999
## 47909	2	0.9999999
## 47910	2	0.9999999
## 47911	2	0.9999999
## 47912	4	0.9999999
## 47913	4	0.9999999
## 47914	0	0.9999999
## 47915	4	0.9999999
## 47916	4	0.9999999
## 47917	3	0.9999999
## 47918	4	0.9999999
## 47919	2	0.9999999
## 47920	3	0.9999999
## 47921	3	0.9999999
## 47922	4	0.9999999
## 47923	0	0.9999999
## 47924	4	0.9999999
## 47925	0	0.9999999
## 47926	0	0.9999999
## 47927	2	0.9999999

## 47928	0	0.9999999
## 47929	2	0.9999999
## 47930	4	0.9999999
## 47931	4	0.9999999
## 47932	2	0.9999999
## 47933	4	0.9999999
## 47934	4	0.9999999
## 47935	4	0.9999999
## 47936	4	0.9999999
## 47937	4	0.9999999
## 47938	4	0.9999999
## 47939	3	0.9999999
## 47940	3	0.9999999
## 47941	2	0.9999999
## 47942	1	0.9999999
## 47943	2	0.9999999
## 47944	2	0.9999999
## 47945	4	0.9999999
## 47946	4	0.9999999
## 47947	3	0.9999999
## 47948	2	0.9999999
## 47949	3	0.9999999
## 47950	3	0.9999999
## 47951	2	0.9999998
## 47952	3	0.9999999
## 47953	3	0.9999999
## 47954	2	0.9999999
## 47955	3	0.9999999
## 47956	3	0.9999999
## 47957	1	0.9999999
## 47958	2	0.9999999
## 47959	3	0.9999999
## 47960	2	0.9999999
## 47961	2	0.9999998
## 47962	2	0.9999999
## 47963	3	0.9999999
## 47964	2	0.9999999
## 47965	2	0.9999999
## 47966	1	0.9999999
## 47967	2	0.9999999
## 47968	3	0.9999999
## 47969	3	0.9999999
## 47970	2	0.9999999
## 47971	3	0.9999999
## 47972	2	0.9999999
## 47973	2	0.9999999
## 47974	2	0.9999999
## 47975	3	0.9999999
## 47976	4	0.9999999
## 47977	2	0.9999999
## 47978	2	0.9999998
## 47979	4	0.9999999
## 47980	2	0.9999999
## 47981	2	0.9999999

## 47982	1	0.9999998
## 47983	2	0.9999999
## 47984	2	0.9999998
## 47985	4	0.9999999
## 47986	2	0.9999999
## 47987	1	0.9999999
## 47988	3	0.9999999
## 47989	1	0.9999999
## 47990	0	0.9999999
## 47991	3	0.9999999
## 47992	3	0.9999999
## 47993	1	0.9999999
## 47994	2	0.9999999
## 47995	3	0.9999999
## 47996	2	0.9999999
## 47997	2	0.9999999
## 47998	0	0.9999999
## 47999	2	0.9999999
## 48000	3	0.9999999
## 48001	3	0.9999999
## 48002	2	0.9999999
## 48003	2	0.9999999
## 48004	2	0.9999999
## 48005	3	0.9999999
## 48006	1	0.9999999
## 48007	4	0.9999999
## 48008	0	0.9999999
## 48009	3	0.9999999
## 48010	2	0.9999999
## 48011	3	0.9999999
## 48012	3	0.9999999
## 48013	2	0.9999999
## 48014	4	0.9999999
## 48015	1	0.9999998
## 48016	4	0.9999999
## 48017	3	0.9999999
## 48018	2	0.9999999
## 48019	3	0.9999999
## 48020	3	0.9999999
## 48021	3	0.9999999
## 48022	2	0.9999999
## 48023	4	0.9999999
## 48024	1	0.9999998
## 48025	0	0.9999998
## 48026	2	0.9999999
## 48027	0	0.9999999
## 48028	4	0.9999999
## 48029	4	0.9999999
## 48030	2	0.9999999
## 48031	2	0.9999998
## 48032	2	0.9999999
## 48033	4	0.9999999
## 48034	3	0.9999999
## 48035	2	0.9999999

## 48036	2	0.9999999
## 48037	4	0.9999999
## 48038	3	0.9999999
## 48039	1	0.9999999
## 48040	1	0.9999999
## 48041	1	0.9999999
## 48042	2	0.9999999
## 48043	4	0.9999999
## 48044	3	0.9999999
## 48045	4	0.9999999
## 48046	4	0.9999999
## 48047	2	0.9999999
## 48048	2	0.9999999
## 48049	2	0.9999999
## 48050	2	0.9999999
## 48051	2	0.9999999
## 48052	2	0.9999999
## 48053	4	0.9999999
## 48054	4	0.9999999
## 48055	1	0.9999999
## 48056	4	0.9999999
## 48057	3	0.9999999
## 48058	2	0.9999999
## 48059	3	0.9999999
## 48060	2	0.9999999
## 48061	1	0.9999999
## 48062	2	0.9999999
## 48063	4	0.9999999
## 48064	3	0.9999999
## 48065	4	0.9999999
## 48066	2	0.9999998
## 48067	4	0.9999999
## 48068	0	0.9999998
## 48069	2	0.9999999
## 48070	2	0.9999999
## 48071	4	0.9999999
## 48072	3	0.9999999
## 48073	3	0.9999999
## 48074	4	0.9999999
## 48075	2	0.9999999
## 48076	2	0.9999999
## 48077	2	0.9999999
## 48078	0	0.9999999
## 48079	3	0.9999999
## 48080	4	0.9999999
## 48081	2	0.9999999
## 48082	0	0.9999999
## 48083	3	0.9999999
## 48084	2	0.9999999
## 48085	4	0.9999999
## 48086	2	0.9999999
## 48087	1	0.9999999
## 48088	0	0.9999999
## 48089	4	0.9999999

## 48090	2	0.9999999
## 48091	2	0.9999999
## 48092	2	0.9999999
## 48093	3	0.9999999
## 48094	4	0.9999999
## 48095	4	0.9999999
## 48096	4	0.9999999
## 48097	4	0.9999999
## 48098	2	0.9999999
## 48099	3	0.9999999
## 48100	2	0.9999999
## 48101	2	0.9999999
## 48102	1	0.9999999
## 48103	3	0.9999999
## 48104	2	0.9999999
## 48105	1	0.9999999
## 48106	3	0.9999999
## 48107	2	0.9999998
## 48108	3	0.9999999
## 48109	4	0.9999999
## 48110	4	0.9999999
## 48111	3	0.9999999
## 48112	2	0.9999999
## 48113	2	0.9999999
## 48114	2	0.9999999
## 48115	2	0.9999999
## 48116	2	0.9999999
## 48117	4	0.9999999
## 48118	2	0.9999999
## 48119	4	0.9999999
## 48120	2	0.9999998
## 48121	3	0.9999999
## 48122	4	0.9999999
## 48123	3	0.9999999
## 48124	2	0.9999999
## 48125	3	0.9999999
## 48126	3	0.9999999
## 48127	2	0.9999999
## 48128	2	0.9999999
## 48129	3	0.9999999
## 48130	0	0.9999999
## 48131	4	0.9999999
## 48132	1	0.9999999
## 48133	3	0.9999999
## 48134	2	0.9999999
## 48135	4	0.9999999
## 48136	3	0.9999999
## 48137	3	0.9999999
## 48138	3	0.9999999
## 48139	2	0.9999999
## 48140	2	0.9999999
## 48141	2	0.9999999
## 48142	2	0.9999999
## 48143	3	0.9999999

## 48144	1	0.9999999
## 48145	4	0.9999999
## 48146	2	0.9999999
## 48147	2	0.9999999
## 48148	3	0.9999999
## 48149	2	0.9999999
## 48150	4	0.9999999
## 48151	3	0.9999999
## 48152	2	0.9999999
## 48153	3	0.9999999
## 48154	2	0.9999999
## 48155	3	0.9999999
## 48156	3	0.9999999
## 48157	1	0.9999999
## 48158	0	0.9999999
## 48159	3	0.9999999
## 48160	2	0.9999999
## 48161	2	0.9999999
## 48162	2	0.9999999
## 48163	3	0.9999999
## 48164	4	0.9999999
## 48165	2	0.9999999
## 48166	2	0.9999999
## 48167	2	0.9999999
## 48168	0	0.9999999
## 48169	2	0.9999999
## 48170	4	0.9999999
## 48171	3	0.9999999
## 48172	3	0.9999999
## 48173	3	0.9999998
## 48174	2	0.9999999
## 48175	2	0.9999999
## 48176	2	0.9999999
## 48177	3	0.9999999
## 48178	3	0.9999999
## 48179	0	0.9999999
## 48180	4	0.9999999
## 48181	3	0.9999999
## 48182	4	0.9999999
## 48183	2	0.9999999
## 48184	3	0.9999999
## 48185	2	0.9999998
## 48186	4	0.9999999
## 48187	1	0.9999999
## 48188	4	0.9999999
## 48189	4	0.9999999
## 48190	2	0.9999999
## 48191	4	0.9999999
## 48192	3	0.9999999
## 48193	2	0.9999999
## 48194	3	0.9999999
## 48195	2	0.9999999
## 48196	2	0.9999999
## 48197	2	0.9999999

## 48198	2	0.9999999
## 48199	3	0.9999998
## 48200	4	0.9999999
## 48201	2	0.9999999
## 48202	3	0.9999999
## 48203	3	0.9999999
## 48204	4	0.9999999
## 48205	3	0.9999998
## 48206	2	0.9999999
## 48207	2	0.9999999
## 48208	4	0.9999999
## 48209	3	0.9999999
## 48210	4	0.9999999
## 48211	2	0.9999999
## 48212	2	0.9999999
## 48213	3	0.9999999
## 48214	1	0.9999998
## 48215	2	0.9999999
## 48216	1	0.9999999
## 48217	1	0.9999999
## 48218	1	0.9999999
## 48219	0	0.9999999
## 48220	1	0.9999999
## 48221	2	0.9999999
## 48222	2	0.9999999
## 48223	2	0.9999999
## 48224	3	0.9999999
## 48225	4	0.9999999
## 48226	1	0.9999999
## 48227	3	0.9999999
## 48228	2	0.9999999
## 48229	2	0.9999999
## 48230	1	0.9999999
## 48231	3	0.9999999
## 48232	4	0.9999999
## 48233	4	0.9999999
## 48234	2	0.9999999
## 48235	3	0.9999998
## 48236	2	0.9999999
## 48237	3	0.9999999
## 48238	1	0.9999999
## 48239	4	0.9999999
## 48240	2	0.9999999
## 48241	2	0.9999999
## 48242	2	0.9999999
## 48243	2	0.9999999
## 48244	3	0.9999999
## 48245	0	0.9999999
## 48246	3	0.9999999
## 48247	4	0.9999999
## 48248	1	0.9999999
## 48249	2	0.9999998
## 48250	1	0.9999999
## 48251	2	0.9999999

## 48252	1	0.9999999
## 48253	3	0.9999999
## 48254	2	0.9999999
## 48255	3	0.9999998
## 48256	2	0.9999999
## 48257	2	0.9999999
## 48258	3	0.9999999
## 48259	3	0.9999999
## 48260	4	0.9999999
## 48261	1	0.9999999
## 48262	2	0.9999999
## 48263	4	0.9999999
## 48264	4	0.9999999
## 48265	2	0.9999999
## 48266	4	0.9999998
## 48267	2	0.9999999
## 48268	3	0.9999999
## 48269	1	0.9999999
## 48270	2	0.9999999
## 48271	3	0.9999999
## 48272	2	0.9999999
## 48273	2	0.9999999
## 48274	2	0.9999998
## 48275	3	0.9999999
## 48276	4	0.9999999
## 48277	2	0.9999999
## 48278	3	0.9999999
## 48279	2	0.9999999
## 48280	1	0.9999999
## 48281	2	0.9999999
## 48282	2	0.9999999
## 48283	3	0.9999999
## 48284	2	0.9999999
## 48285	1	0.9999999
## 48286	2	0.9999999
## 48287	4	0.9999999
## 48288	2	0.9999999
## 48289	2	0.9999999
## 48290	4	0.9999999
## 48291	2	0.9999999
## 48292	0	0.9999999
## 48293	2	0.9999999
## 48294	4	0.9999999
## 48295	4	0.9999999
## 48296	4	0.9999999
## 48297	4	0.9999999
## 48298	2	0.9999999
## 48299	2	0.9999999
## 48300	4	0.9999999
## 48301	2	0.9999999
## 48302	1	0.9999999
## 48303	4	0.9999999
## 48304	2	0.9999999
## 48305	2	0.9999999

## 48306	2	0.9999998
## 48307	4	0.9999999
## 48308	2	0.9999999
## 48309	4	0.9999999
## 48310	3	0.9999999
## 48311	2	0.9999999
## 48312	3	0.9999999
## 48313	4	0.9999999
## 48314	3	0.9999999
## 48315	1	0.9999999
## 48316	3	0.9999998
## 48317	2	0.9999998
## 48318	0	0.9999998
## 48319	0	0.9999999
## 48320	3	0.9999999
## 48321	4	0.9999999
## 48322	3	0.9999999
## 48323	1	0.9999999
## 48324	2	0.9999999
## 48325	3	0.9999999
## 48326	4	0.9999999
## 48327	4	0.9999999
## 48328	2	0.9999999
## 48329	4	0.9999999
## 48330	4	0.9999999
## 48331	2	0.9999999
## 48332	3	0.9999999
## 48333	4	0.9999999
## 48334	3	0.9999999
## 48335	3	0.9999999
## 48336	1	0.9999999
## 48337	2	0.9999999
## 48338	1	0.9999999
## 48339	3	0.9999999
## 48340	2	0.9999999
## 48341	4	0.9999998
## 48342	4	0.9999999
## 48343	2	0.9999999
## 48344	2	0.9999999
## 48345	2	0.9999999
## 48346	2	0.9999999
## 48347	1	0.9999999
## 48348	2	0.9999999
## 48349	0	0.9999999
## 48350	2	0.9999999
## 48351	4	0.9999999
## 48352	2	0.9999999
## 48353	4	0.9999999
## 48354	4	0.9999999
## 48355	2	0.9999999
## 48356	2	0.9999999
## 48357	4	0.9999999
## 48358	4	0.9999999
## 48359	4	0.9999999

## 48360	3	0.9999999
## 48361	2	0.9999999
## 48362	4	0.9999999
## 48363	3	0.9999999
## 48364	4	0.9999999
## 48365	3	0.9999999
## 48366	2	0.9999999
## 48367	2	0.9999999
## 48368	2	0.9999999
## 48369	2	0.9999999
## 48370	3	0.9999999
## 48371	3	0.9999999
## 48372	4	0.9999999
## 48373	4	0.9999999
## 48374	4	0.9999999
## 48375	2	0.9999999
## 48376	1	0.9999999
## 48377	4	0.9999999
## 48378	2	0.9999999
## 48379	3	0.9999999
## 48380	2	0.9999999
## 48381	4	0.9999999
## 48382	4	0.9999999
## 48383	2	0.9999999
## 48384	2	0.9999999
## 48385	2	0.9999999
## 48386	1	0.9999999
## 48387	2	0.9999999
## 48388	3	0.9999999
## 48389	2	0.9999999
## 48390	3	0.9999999
## 48391	2	0.9999999
## 48392	2	0.9999999
## 48393	2	0.9999999
## 48394	3	0.9999999
## 48395	3	0.9999999
## 48396	4	0.9999999
## 48397	3	0.9999999
## 48398	3	0.9999999
## 48399	2	0.9999999
## 48400	1	0.9999999
## 48401	2	0.9999999
## 48402	2	0.9999999
## 48403	3	0.9999999
## 48404	2	0.9999999
## 48405	3	0.9999999
## 48406	1	0.9999999
## 48407	4	0.9999999
## 48408	4	0.9999999
## 48409	3	0.9999999
## 48410	3	0.9999999
## 48411	4	0.9999999
## 48412	4	0.9999999
## 48413	3	0.9999999

## 48414	3	0.9999999
## 48415	3	0.9999999
## 48416	4	0.9999999
## 48417	3	0.9999999
## 48418	3	0.9999999
## 48419	1	0.9999999
## 48420	1	0.9999998
## 48421	1	0.9999999
## 48422	1	0.9999999
## 48423	3	0.9999999
## 48424	3	0.9999999
## 48425	4	0.9999999
## 48426	2	0.9999999
## 48427	1	0.9999999
## 48428	3	0.9999999
## 48429	2	0.9999999
## 48430	4	0.9999999
## 48431	2	0.9999999
## 48432	4	0.9999999
## 48433	2	0.9999999
## 48434	4	0.9999999
## 48435	2	0.9999999
## 48436	2	0.9999999
## 48437	4	0.9999999
## 48438	2	0.9999999
## 48439	3	0.9999999
## 48440	2	0.9999999
## 48441	2	0.9999999
## 48442	1	0.9999999
## 48443	3	0.9999999
## 48444	4	0.9999999
## 48445	2	0.9999999
## 48446	2	0.9999999
## 48447	2	0.9999999
## 48448	3	0.9999999
## 48449	2	0.9999999
## 48450	2	0.9999999
## 48451	3	0.9999998
## 48452	2	0.9999999
## 48453	1	0.9999999
## 48454	4	0.9999999
## 48455	4	0.9999999
## 48456	3	0.9999999
## 48457	2	0.9999999
## 48458	3	0.9999999
## 48459	4	0.9999999
## 48460	2	0.9999999
## 48461	2	0.9999999
## 48462	2	0.9999999
## 48463	3	0.9999999
## 48464	2	0.9999999
## 48465	2	0.9999999
## 48466	3	0.9999999
## 48467	4	0.9999999

## 48468	3	0.9999999
## 48469	3	0.9999999
## 48470	2	0.9999999
## 48471	2	0.9999999
## 48472	2	0.9999999
## 48473	3	0.9999999
## 48474	4	0.9999999
## 48475	0	0.9999999
## 48476	2	0.9999999
## 48477	2	0.9999999
## 48478	2	0.9999999
## 48479	4	0.9999999
## 48480	2	0.9999999
## 48481	3	0.9999999
## 48482	2	0.9999999
## 48483	3	0.9999999
## 48484	4	0.9999999
## 48485	3	0.9999999
## 48486	3	0.9999999
## 48487	2	0.9999999
## 48488	2	0.9999999
## 48489	3	0.9999999
## 48490	3	0.9999999
## 48491	4	0.9999999
## 48492	3	0.9999999
## 48493	2	0.9999999
## 48494	4	0.9999999
## 48495	2	0.9999999
## 48496	2	0.9999999
## 48497	4	0.9999999
## 48498	3	0.9999999
## 48499	1	0.9999999
## 48500	4	0.9999999
## 48501	3	0.9999999
## 48502	2	0.9999999
## 48503	4	0.9999999
## 48504	3	0.9999999
## 48505	3	0.9999999
## 48506	3	0.9999999
## 48507	4	0.9999999
## 48508	4	0.9999999
## 48509	2	0.9999999
## 48510	2	0.9999999
## 48511	3	0.9999999
## 48512	3	0.9999999
## 48513	4	0.9999998
## 48514	3	0.9999999
## 48515	2	0.9999999
## 48516	2	0.9999999
## 48517	2	0.9999999
## 48518	2	0.9999999
## 48519	1	0.9999999
## 48520	4	0.9999999
## 48521	2	0.9999999

## 48522	3	0.9999999
## 48523	4	0.9999999
## 48524	4	0.9999999
## 48525	3	0.9999999
## 48526	1	0.9999999
## 48527	1	0.9999999
## 48528	3	0.9999999
## 48529	2	0.9999999
## 48530	4	0.9999999
## 48531	2	0.9999999
## 48532	2	0.9999999
## 48533	3	0.9999999
## 48534	2	0.9999999
## 48535	3	0.9999999
## 48536	2	0.9999999
## 48537	4	0.9999999
## 48538	2	0.9999999
## 48539	2	0.9999999
## 48540	4	0.9999997
## 48541	2	0.9999999
## 48542	1	0.9999999
## 48543	0	0.9999998
## 48544	2	0.9999999
## 48545	2	0.9999999
## 48546	2	0.9999999
## 48547	2	0.9999999
## 48548	2	0.9999999
## 48549	4	0.9999999
## 48550	3	0.9999999
## 48551	2	0.9999999
## 48552	2	0.9999999
## 48553	4	0.9999999
## 48554	2	0.9999999
## 48555	2	0.9999999
## 48556	1	0.9999999
## 48557	4	0.9999999
## 48558	2	0.9999999
## 48559	4	0.9999999
## 48560	2	0.9999999
## 48561	2	0.9999999
## 48562	4	0.9999999
## 48563	0	0.9999999
## 48564	3	0.9999999
## 48565	2	0.9999999
## 48566	4	0.9999999
## 48567	3	0.9999999
## 48568	3	0.9999999
## 48569	2	0.9999999
## 48570	3	0.9999999
## 48571	4	0.9999999
## 48572	3	0.9999998
## 48573	1	0.9999999
## 48574	4	0.9999999
## 48575	2	0.9999999

## 48576	3	0.9999999
## 48577	2	0.9999999
## 48578	3	0.9999999
## 48579	4	0.9999999
## 48580	2	0.9999999
## 48581	4	0.9999999
## 48582	1	0.9999999
## 48583	1	0.9999999
## 48584	2	0.9999999
## 48585	3	0.9999999
## 48586	3	0.9999999
## 48587	3	0.9999999
## 48588	3	0.9999999
## 48589	2	0.9999999
## 48590	4	0.9999999
## 48591	1	0.9999999
## 48592	2	0.9999999
## 48593	0	0.9999999
## 48594	2	0.9999999
## 48595	0	0.9999999
## 48596	3	0.9999998
## 48597	3	0.9999999
## 48598	4	0.9999999
## 48599	3	0.9999999
## 48600	3	0.9999999
## 48601	2	0.9999999
## 48602	2	0.9999999
## 48603	1	0.9999999
## 48604	4	0.9999999
## 48605	4	0.9999998
## 48606	4	0.9999999
## 48607	2	0.9999999
## 48608	2	0.9999999
## 48609	2	0.9999999
## 48610	4	0.9999999
## 48611	2	0.9999999
## 48612	4	0.9999999
## 48613	3	0.9999999
## 48614	3	0.9999999
## 48615	3	0.9999999
## 48616	4	0.9999999
## 48617	2	0.9999999
## 48618	2	0.9999998
## 48619	2	0.9999999
## 48620	2	0.9999999
## 48621	4	0.9999999
## 48622	2	0.9999999
## 48623	2	0.9999999
## 48624	2	0.9999999
## 48625	2	0.9999999
## 48626	1	0.9999998
## 48627	2	0.9999999
## 48628	3	0.9999999
## 48629	4	0.9999999

## 48630	2	0.9999999
## 48631	4	0.9999999
## 48632	2	0.9999999
## 48633	1	0.9999999
## 48634	2	0.9999999
## 48635	4	0.9999999
## 48636	3	0.9999999
## 48637	3	0.9999999
## 48638	4	0.9999999
## 48639	1	0.9999999
## 48640	3	0.9999998
## 48641	3	0.9999998
## 48642	3	0.9999999
## 48643	4	0.9999998
## 48644	1	0.9999999
## 48645	1	0.9999999
## 48646	2	0.9999998
## 48647	2	0.9999999
## 48648	3	0.9999999
## 48649	2	0.9999999
## 48650	2	0.9999999
## 48651	2	0.9999999
## 48652	2	0.9999999
## 48653	2	0.9999999
## 48654	2	0.9999999
## 48655	4	0.9999999
## 48656	4	0.9999999
## 48657	4	0.9999999
## 48658	2	0.9999999
## 48659	2	0.9999999
## 48660	2	0.9999999
## 48661	3	0.9999999
## 48662	1	0.9999998
## 48663	4	0.9999999
## 48664	4	0.9999999
## 48665	4	0.9999999
## 48666	0	0.9999999
## 48667	3	0.9999999
## 48668	2	0.9999999
## 48669	3	0.9999999
## 48670	0	0.9999999
## 48671	2	0.9999999
## 48672	1	0.9999999
## 48673	4	0.9999999
## 48674	3	0.9999999
## 48675	0	0.9999998
## 48676	0	0.9999999
## 48677	2	0.9999999
## 48678	2	0.9999999
## 48679	2	0.9999999
## 48680	4	0.9999999
## 48681	4	0.9999999
## 48682	2	0.9999999
## 48683	2	0.9999999

## 48684	2	0.9999998
## 48685	3	0.9999999
## 48686	1	0.9999999
## 48687	3	0.9999999
## 48688	2	0.9999999
## 48689	1	0.9999999
## 48690	4	0.9999999
## 48691	4	0.9999999
## 48692	3	0.9999999
## 48693	3	0.9999999
## 48694	2	0.9999999
## 48695	2	0.9999999
## 48696	3	0.9999999
## 48697	2	0.9999999
## 48698	1	0.9999998
## 48699	4	0.9999999
## 48700	1	0.9999999
## 48701	2	0.9999999
## 48702	3	0.9999999
## 48703	4	0.9999999
## 48704	1	0.9999999
## 48705	1	0.9999999
## 48706	2	0.9999999
## 48707	2	0.9999999
## 48708	0	0.9999999
## 48709	2	0.9999999
## 48710	2	0.9999999
## 48711	4	0.9999999
## 48712	3	0.9999999
## 48713	2	0.9999999
## 48714	4	0.9999999
## 48715	2	0.9999999
## 48716	2	0.9999999
## 48717	2	0.9999999
## 48718	0	0.9999999
## 48719	4	0.9999999
## 48720	1	0.9999999
## 48721	3	0.9999999
## 48722	2	0.9999999
## 48723	2	0.9999999
## 48724	3	0.9999999
## 48725	1	0.9999998
## 48726	2	0.9999999
## 48727	2	0.9999999
## 48728	4	0.9999999
## 48729	2	0.9999999
## 48730	3	0.9999999
## 48731	3	0.9999999
## 48732	2	0.9999999
## 48733	2	0.9999999
## 48734	2	0.9999999
## 48735	3	0.9999999
## 48736	3	0.9999999
## 48737	2	0.9999999

## 48738	2	0.9999999
## 48739	4	0.9999999
## 48740	2	0.9999999
## 48741	2	0.9999999
## 48742	2	0.9999999
## 48743	2	0.9999999
## 48744	2	0.9999999
## 48745	3	0.9999999
## 48746	4	0.9999999
## 48747	4	0.9999999
## 48748	3	0.9999999
## 48749	4	0.9999999
## 48750	3	0.9999999
## 48751	3	0.9999998
## 48752	2	0.9999999
## 48753	4	0.9999998
## 48754	2	0.9999999
## 48755	2	0.9999999
## 48756	2	0.9999999
## 48757	3	0.9999999
## 48758	2	0.9999998
## 48759	2	0.9999999
## 48760	2	0.9999999
## 48761	4	0.9999999
## 48762	3	0.9999999
## 48763	2	0.9999999
## 48764	3	0.9999999
## 48765	2	0.9999999
## 48766	4	0.9999999
## 48767	1	0.9999999
## 48768	4	0.9999999
## 48769	3	0.9999999
## 48770	2	0.9999999
## 48771	4	0.9999999
## 48772	4	0.9999999
## 48773	4	0.9999999
## 48774	2	0.9999999
## 48775	3	0.9999999
## 48776	4	0.9999999
## 48777	2	0.9999999
## 48778	4	0.9999999
## 48779	1	0.9999999
## 48780	2	0.9999999
## 48781	2	0.9999999
## 48782	3	0.9999999
## 48783	2	0.9999999
## 48784	4	0.9999999
## 48785	2	0.9999999
## 48786	4	0.9999999
## 48787	4	0.9999999
## 48788	4	0.9999999
## 48789	2	0.9999999
## 48790	4	0.9999999
## 48791	1	0.9999999

## 48792	3	0.9999998
## 48793	4	0.9999999
## 48794	3	0.9999999
## 48795	1	0.9999999
## 48796	4	0.9999999
## 48797	4	0.9999999
## 48798	3	0.9999999
## 48799	4	0.9999999
## 48800	0	0.9999999
## 48801	2	0.9999999
## 48802	2	0.9999999
## 48803	3	0.9999998
## 48804	2	0.9999999
## 48805	2	0.9999999
## 48806	3	0.9999999
## 48807	4	0.9999999
## 48808	4	0.9999999
## 48809	2	0.9999998
## 48810	4	0.9999999
## 48811	4	0.9999999
## 48812	3	0.9999999
## 48813	2	0.9999999
## 48814	4	0.9999999
## 48815	2	0.9999999
## 48816	3	0.9999999
## 48817	3	0.9999999
## 48818	2	0.9999999
## 48819	4	0.9999999
## 48820	2	0.9999999
## 48821	4	0.9999999
## 48822	3	0.9999999
## 48823	2	0.9999999
## 48824	3	0.9999999
## 48825	4	0.9999999
## 48826	4	0.9999999
## 48827	2	0.9999999
## 48828	0	0.9999999
## 48829	4	0.9999999
## 48830	3	0.9999999
## 48831	4	0.9999999
## 48832	4	0.9999999
## 48833	4	0.9999999
## 48834	4	0.9999999
## 48835	4	0.9999999
## 48836	4	0.9999999
## 48837	0	0.9999999
## 48838	4	0.9999999
## 48839	1	0.9999999
## 48840	3	0.9999999
## 48841	3	0.9999999
## 48842	1	0.9999999
## 48843	3	0.9999998
## 48844	1	0.9999999
## 48845	3	0.9999999

## 48846	4	0.9999999
## 48847	2	0.9999999
## 48848	3	0.9999999
## 48849	4	0.9999999
## 48850	3	0.9999999
## 48851	4	0.9999999
## 48852	2	0.9999999
## 48853	2	0.9999999
## 48854	4	0.9999999
## 48855	4	0.9999999
## 48856	3	0.9999999
## 48857	2	0.9999999
## 48858	2	0.9999999
## 48859	3	0.9999999
## 48860	3	0.9999999
## 48861	3	0.9999999
## 48862	3	0.9999999
## 48863	4	0.9999999
## 48864	2	0.9999999
## 48865	3	0.9999999
## 48866	2	0.9999999
## 48867	0	0.9999998
## 48868	3	0.9999999
## 48869	2	0.9999999
## 48870	3	0.9999999
## 48871	2	0.9999999
## 48872	4	0.9999999
## 48873	0	0.9999999
## 48874	4	0.9999998
## 48875	2	0.9999999
## 48876	0	0.9999999
## 48877	2	0.9999999
## 48878	3	0.9999999
## 48879	3	0.9999999
## 48880	3	0.9999999
## 48881	2	0.9999999
## 48882	2	0.9999998
## 48883	4	0.9999999
## 48884	4	0.9999999
## 48885	2	0.9999999
## 48886	2	0.9999999
## 48887	3	0.9999999
## 48888	2	0.9999999
## 48889	2	0.9999999
## 48890	1	0.9999999
## 48891	4	0.9999999
## 48892	2	0.9999999
## 48893	4	0.9999999
## 48894	4	0.9999999
## 48895	4	0.9999999
## 48896	2	0.9999999
## 48897	2	0.9999999
## 48898	4	0.9999999
## 48899	2	0.9999999

## 48900	2	0.9999999
## 48901	4	0.9999999
## 48902	2	0.9999999
## 48903	2	0.9999999
## 48904	3	0.9999999
## 48905	1	0.9999999
## 48906	2	0.9999999
## 48907	2	0.9999999
## 48908	3	0.9999999
## 48909	3	0.9999999
## 48910	1	0.9999999
## 48911	3	0.9999999
## 48912	1	0.9999999
## 48913	2	0.9999999
## 48914	2	0.9999999
## 48915	3	0.9999999
## 48916	4	0.9999999
## 48917	4	0.9999999
## 48918	1	0.9999999
## 48919	3	0.9999999
## 48920	3	0.9999999
## 48921	3	0.9999999
## 48922	2	0.9999999
## 48923	3	0.9999999
## 48924	2	0.9999998
## 48925	2	0.9999999
## 48926	3	0.9999999
## 48927	3	0.9999999
## 48928	3	0.9999999
## 48929	3	0.9999999
## 48930	2	0.9999999
## 48931	4	0.9999999
## 48932	4	0.9999999
## 48933	2	0.9999999
## 48934	4	0.9999999
## 48935	4	0.9999999
## 48936	2	0.9999999
## 48937	2	0.9999999
## 48938	3	0.9999999
## 48939	2	0.9999999
## 48940	2	0.9999999
## 48941	4	0.9999999
## 48942	3	0.9999999
## 48943	2	0.9999999
## 48944	4	0.9999999
## 48945	2	0.9999999
## 48946	4	0.9999999
## 48947	3	0.9999999
## 48948	4	0.9999999
## 48949	2	0.9999999
## 48950	2	0.9999999
## 48951	2	0.9999999
## 48952	3	0.9999999
## 48953	4	0.9999999

## 48954	2	0.9999999
## 48955	2	0.9999999
## 48956	3	0.9999999
## 48957	4	0.9999999
## 48958	3	0.9999999
## 48959	3	0.9999999
## 48960	3	0.9999999
## 48961	2	0.9999999
## 48962	2	0.9999999
## 48963	2	0.9999999
## 48964	2	0.9999998
## 48965	2	0.9999999
## 48966	2	0.9999999
## 48967	2	0.9999999
## 48968	2	0.9999999
## 48969	3	0.9999999
## 48970	3	0.9999999
## 48971	2	0.9999999
## 48972	3	0.9999999
## 48973	4	0.9999999
## 48974	3	0.9999999
## 48975	0	0.9999999
## 48976	2	0.9999999
## 48977	4	0.9999999
## 48978	3	0.9999999
## 48979	4	0.9999999
## 48980	2	0.9999999
## 48981	2	0.9999999
## 48982	3	0.9999999
## 48983	2	0.9999999
## 48984	4	0.9999999
## 48985	2	0.9999999
## 48986	3	0.9999999
## 48987	2	0.9999999
## 48988	3	0.9999999
## 48989	0	0.9999999
## 48990	4	0.9999999
## 48991	2	0.9999998
## 48992	2	0.9999999
## 48993	4	0.9999998
## 48994	2	0.9999999
## 48995	2	0.9999999
## 48996	4	0.9999999
## 48997	1	0.9999999
## 48998	3	0.9999999
## 48999	2	0.9999999
## 49000	3	0.9999998
## 49001	2	0.9999999
## 49002	4	0.9999999
## 49003	2	0.9999999
## 49004	2	0.9999999
## 49005	2	0.9999999
## 49006	1	0.9999999
## 49007	4	0.9999999

## 49008	2	0.9999999
## 49009	2	0.9999998
## 49010	2	0.9999999
## 49011	1	0.9999999
## 49012	1	0.9999999
## 49013	3	0.9999999
## 49014	3	0.9999999
## 49015	4	0.9999999
## 49016	1	0.9999999
## 49017	3	0.9999999
## 49018	3	0.9999999
## 49019	2	0.9999999
## 49020	3	0.9999999
## 49021	2	0.9999999
## 49022	2	0.9999999
## 49023	3	0.9999999
## 49024	1	0.9999999
## 49025	3	0.9999999
## 49026	2	0.9999999
## 49027	2	0.9999999
## 49028	4	0.9999999
## 49029	0	0.9999999
## 49030	2	0.9999999
## 49031	2	0.9999999
## 49032	4	0.9999999
## 49033	1	0.9999999
## 49034	4	0.9999999
## 49035	4	0.9999999
## 49036	2	0.9999999
## 49037	4	0.9999999
## 49038	2	0.9999999
## 49039	2	0.9999999
## 49040	3	0.9999998
## 49041	3	0.9999998
## 49042	4	0.9999999
## 49043	1	0.9999999
## 49044	3	0.9999999
## 49045	1	0.9999999
## 49046	4	0.9999999
## 49047	2	0.9999999
## 49048	3	0.9999999
## 49049	3	0.9999999
## 49050	2	0.9999999
## 49051	3	0.9999999
## 49052	1	0.9999999
## 49053	2	0.9999999
## 49054	3	0.9999999
## 49055	4	0.9999999
## 49056	2	0.9999998
## 49057	2	0.9999999
## 49058	2	0.9999999
## 49059	2	0.9999999
## 49060	4	0.9999999
## 49061	2	0.9999999

## 49062	4	0.9999999
## 49063	2	0.9999999
## 49064	0	0.9999999
## 49065	3	0.9999999
## 49066	2	0.9999999
## 49067	2	0.9999999
## 49068	3	0.9999999
## 49069	3	0.9999999
## 49070	2	0.9999999
## 49071	3	0.9999999
## 49072	3	0.9999999
## 49073	3	0.9999999
## 49074	3	0.9999999
## 49075	4	0.9999999
## 49076	3	0.9999999
## 49077	2	0.9999998
## 49078	3	0.9999999
## 49079	2	0.9999999
## 49080	3	0.9999999
## 49081	4	0.9999999
## 49082	1	0.9999998
## 49083	2	0.9999999
## 49084	1	0.9999999
## 49085	1	0.9999999
## 49086	0	0.9999999
## 49087	0	0.9999999
## 49088	3	0.9999999
## 49089	2	0.9999999
## 49090	2	0.9999999
## 49091	2	0.9999999
## 49092	1	0.9999999
## 49093	2	0.9999999
## 49094	3	0.9999998
## 49095	4	0.9999999
## 49096	3	0.9999999
## 49097	1	0.9999999
## 49098	2	0.9999999
## 49099	1	0.9999999
## 49100	2	0.9999999
## 49101	1	0.9999999
## 49102	4	0.9999999
## 49103	4	0.9999998
## 49104	2	0.9999999
## 49105	4	0.9999998
## 49106	4	0.9999999
## 49107	4	0.9999999
## 49108	4	0.9999999
## 49109	3	0.9999999
## 49110	1	0.9999999
## 49111	3	0.9999999
## 49112	2	0.9999999
## 49113	4	0.9999998
## 49114	2	0.9999999
## 49115	2	0.9999999

## 49116	2	0.9999999
## 49117	0	0.9999999
## 49118	2	0.9999999
## 49119	2	0.9999999
## 49120	2	0.9999999
## 49121	3	0.9999999
## 49122	4	0.9999999
## 49123	4	0.9999999
## 49124	2	0.9999999
## 49125	2	0.9999999
## 49126	3	0.9999999
## 49127	2	0.9999999
## 49128	2	0.9999999
## 49129	4	0.9999999
## 49130	4	0.9999999
## 49131	3	0.9999999
## 49132	2	0.9999999
## 49133	2	0.9999999
## 49134	3	0.9999999
## 49135	2	0.9999999
## 49136	2	0.9999999
## 49137	2	0.9999998
## 49138	2	0.9999999
## 49139	2	0.9999998
## 49140	2	0.9999999
## 49141	3	0.9999999
## 49142	4	0.9999999
## 49143	2	0.9999999
## 49144	2	0.9999999
## 49145	2	0.9999999
## 49146	2	0.9999999
## 49147	4	0.9999999
## 49148	3	0.9999998
## 49149	2	0.9999999
## 49150	0	0.9999999
## 49151	4	0.9999999
## 49152	4	0.9999999
## 49153	1	0.9999999
## 49154	3	0.9999999
## 49155	4	0.9999999
## 49156	4	0.9999999
## 49157	2	0.9999999
## 49158	2	0.9999999
## 49159	3	0.9999999
## 49160	3	0.9999999
## 49161	3	0.9999999
## 49162	3	0.9999999
## 49163	4	0.9999999
## 49164	3	0.9999999
## 49165	2	0.9999999
## 49166	4	0.9999999
## 49167	2	0.9999999
## 49168	2	0.9999999
## 49169	4	0.9999999

## 49170	1	0.9999999
## 49171	2	0.9999999
## 49172	1	0.9999999
## 49173	0	0.9999999
## 49174	4	0.9999999
## 49175	3	0.9999999
## 49176	3	0.9999999
## 49177	4	0.9999998
## 49178	2	0.9999999
## 49179	2	0.9999999
## 49180	2	0.9999999
## 49181	1	0.9999999
## 49182	4	0.9999999
## 49183	2	0.9999999
## 49184	4	0.9999999
## 49185	4	0.9999998
## 49186	1	0.9999999
## 49187	3	0.9999999
## 49188	2	0.9999999
## 49189	2	0.9999999
## 49190	3	0.9999999
## 49191	3	0.9999999
## 49192	3	0.9999998
## 49193	3	0.9999998
## 49194	1	0.9999999
## 49195	4	0.9999999
## 49196	4	0.9999999
## 49197	3	0.9999999
## 49198	3	0.9999999
## 49199	2	0.9999999
## 49200	4	0.9999999
## 49201	3	0.9999999
## 49202	4	0.9999999
## 49203	4	0.9999999
## 49204	2	0.9999999
## 49205	3	0.9999999
## 49206	2	0.9999999
## 49207	2	0.9999999
## 49208	2	0.9999999
## 49209	2	0.9999999
## 49210	2	0.9999999
## 49211	2	0.9999999
## 49212	2	0.9999999
## 49213	4	0.9999999
## 49214	3	0.9999999
## 49215	3	0.9999999
## 49216	2	0.9999999
## 49217	3	0.9999999
## 49218	2	0.9999999
## 49219	1	0.9999998
## 49220	2	0.9999999
## 49221	3	0.9999999
## 49222	3	0.9999999
## 49223	2	0.9999999

## 49224	2	0.9999999
## 49225	3	0.9999999
## 49226	3	0.9999999
## 49227	4	0.9999999
## 49228	2	0.9999999
## 49229	3	0.9999998
## 49230	1	0.9999999
## 49231	0	0.9999999
## 49232	2	0.9999999
## 49233	2	0.9999999
## 49234	3	0.9999999
## 49235	3	0.9999999
## 49236	4	0.9999998
## 49237	2	0.9999999
## 49238	2	0.9999999
## 49239	3	0.9999999
## 49240	4	0.9999999
## 49241	4	0.9999999
## 49242	2	0.9999999
## 49243	1	0.9999999
## 49244	1	0.9999999
## 49245	3	0.9999999
## 49246	3	0.9999999
## 49247	2	0.9999999
## 49248	4	0.9999999
## 49249	4	0.9999999
## 49250	4	0.9999999
## 49251	2	0.9999999
## 49252	3	0.9999999
## 49253	4	0.9999999
## 49254	3	0.9999999
## 49255	2	0.9999998
## 49256	2	0.9999999
## 49257	2	0.9999999
## 49258	3	0.9999998
## 49259	2	0.9999999
## 49260	4	0.9999999
## 49261	3	0.9999999
## 49262	4	0.9999999
## 49263	3	0.9999999
## 49264	2	0.9999999
## 49265	2	0.9999999
## 49266	4	0.9999999
## 49267	2	0.9999998
## 49268	3	0.9999999
## 49269	2	0.9999999
## 49270	2	0.9999999
## 49271	2	0.9999999
## 49272	2	0.9999999
## 49273	2	0.9999999
## 49274	2	0.9999999
## 49275	4	0.9999999
## 49276	2	0.9999999
## 49277	4	0.9999999

## 49278	2	0.9999999
## 49279	3	0.9999999
## 49280	2	0.9999999
## 49281	1	0.9999999
## 49282	2	0.9999999
## 49283	2	0.9999999
## 49284	3	0.9999999
## 49285	4	0.9999999
## 49286	2	0.9999999
## 49287	1	0.9999998
## 49288	2	0.9999999
## 49289	3	0.9999999
## 49290	2	0.9999999
## 49291	4	0.9999998
## 49292	3	0.9999999
## 49293	3	0.9999999
## 49294	2	0.9999999
## 49295	4	0.9999999
## 49296	4	0.9999999
## 49297	2	0.9999999
## 49298	4	0.9999999
## 49299	4	0.9999999
## 49300	2	0.9999999
## 49301	2	0.9999999
## 49302	3	0.9999999
## 49303	2	0.9999999
## 49304	3	0.9999999
## 49305	3	0.9999999
## 49306	2	0.9999999
## 49307	4	0.9999999
## 49308	2	0.9999999
## 49309	2	0.9999999
## 49310	4	0.9999999
## 49311	2	0.9999999
## 49312	3	0.9999999
## 49313	3	0.9999999
## 49314	3	0.9999999
## 49315	3	0.9999999
## 49316	3	0.9999999
## 49317	2	0.9999999
## 49318	2	0.9999998
## 49319	2	0.9999999
## 49320	4	0.9999999
## 49321	3	0.9999999
## 49322	2	0.9999999
## 49323	3	0.9999999
## 49324	3	0.9999999
## 49325	3	0.9999999
## 49326	4	0.9999999
## 49327	3	0.9999999
## 49328	3	0.9999999
## 49329	2	0.9999999
## 49330	1	0.9999999
## 49331	2	0.9999999

## 49332	2	0.9999999
## 49333	0	0.9999999
## 49334	4	0.9999999
## 49335	3	0.9999999
## 49336	2	0.9999999
## 49337	2	0.9999999
## 49338	2	0.9999998
## 49339	4	0.9999999
## 49340	3	0.9999999
## 49341	2	0.9999999
## 49342	4	0.9999999
## 49343	2	0.9999999
## 49344	2	0.9999999
## 49345	4	0.9999999
## 49346	2	0.9999998
## 49347	3	0.9999999
## 49348	1	0.9999999
## 49349	3	0.9999999
## 49350	1	0.9999999
## 49351	3	0.9999999
## 49352	2	0.9999999
## 49353	3	0.9999999
## 49354	2	0.9999999
## 49355	2	0.9999999
## 49356	3	0.9999999
## 49357	4	0.9999999
## 49358	2	0.9999999
## 49359	3	0.9999999
## 49360	1	0.9999998
## 49361	1	0.9999999
## 49362	0	0.9999999
## 49363	4	0.9999999
## 49364	2	0.9999999
## 49365	2	0.9999999
## 49366	4	0.9999999
## 49367	4	0.9999999
## 49368	4	0.9999998
## 49369	2	0.9999999
## 49370	4	0.9999999
## 49371	3	0.9999999
## 49372	2	0.9999999
## 49373	2	0.9999999
## 49374	2	0.9999999
## 49375	2	0.9999999
## 49376	3	0.9999999
## 49377	3	0.9999999
## 49378	2	0.9999999
## 49379	2	0.9999999
## 49380	2	0.9999999
## 49381	4	0.9999999
## 49382	3	0.9999999
## 49383	4	0.9999999
## 49384	3	0.9999999
## 49385	4	0.9999999

## 49386	3	0.9999999
## 49387	2	0.9999999
## 49388	4	0.9999999
## 49389	3	0.9999999
## 49390	1	0.9999998
## 49391	2	0.9999999
## 49392	2	0.9999999
## 49393	4	0.9999999
## 49394	2	0.9999999
## 49395	2	0.9999999
## 49396	1	0.9999999
## 49397	2	0.9999999
## 49398	1	0.9999999
## 49399	2	0.9999999
## 49400	3	0.9999999
## 49401	3	0.9999999
## 49402	4	0.9999999
## 49403	2	0.9999999
## 49404	3	0.9999998
## 49405	4	0.9999999
## 49406	2	0.9999999
## 49407	3	0.9999999
## 49408	2	0.9999999
## 49409	3	0.9999999
## 49410	2	0.9999999
## 49411	2	0.9999999
## 49412	3	0.9999999
## 49413	2	0.9999999
## 49414	3	0.9999999
## 49415	2	0.9999999
## 49416	4	0.9999999
## 49417	1	0.9999999
## 49418	2	0.9999999
## 49419	2	0.9999999
## 49420	4	0.9999999
## 49421	4	0.9999999
## 49422	2	0.9999999
## 49423	2	0.9999999
## 49424	2	0.9999999
## 49425	0	0.9999999
## 49426	1	0.9999999
## 49427	4	0.9999999
## 49428	2	0.9999999
## 49429	4	0.9999999
## 49430	3	0.9999999
## 49431	3	0.9999999
## 49432	2	0.9999999
## 49433	2	0.9999998
## 49434	3	0.9999999
## 49435	4	0.9999999
## 49436	1	0.9999999
## 49437	2	0.9999999
## 49438	3	0.9999999
## 49439	3	0.9999999

## 49440	2	0.9999999
## 49441	2	0.9999999
## 49442	2	0.9999999
## 49443	3	0.9999999
## 49444	2	0.9999999
## 49445	2	0.9999999
## 49446	2	0.9999999
## 49447	0	0.9999999
## 49448	2	0.9999999
## 49449	2	0.9999999
## 49450	2	0.9999999
## 49451	3	0.9999999
## 49452	3	0.9999999
## 49453	4	0.9999999
## 49454	3	0.9999999
## 49455	3	0.9999999
## 49456	3	0.9999999
## 49457	4	0.9999999
## 49458	3	0.9999999
## 49459	2	0.9999998
## 49460	2	0.9999999
## 49461	2	0.9999999
## 49462	1	0.9999999
## 49463	3	0.9999999
## 49464	2	0.9999999
## 49465	2	0.9999999
## 49466	3	0.9999999
## 49467	1	0.9999999
## 49468	1	0.9999999
## 49469	4	0.9999999
## 49470	2	0.9999999
## 49471	4	0.9999998
## 49472	2	0.9999999
## 49473	1	0.9999999
## 49474	2	0.9999999
## 49475	4	0.9999999
## 49476	3	0.9999999
## 49477	1	0.9999999
## 49478	3	0.9999999
## 49479	2	0.9999999
## 49480	3	0.9999999
## 49481	2	0.9999999
## 49482	3	0.9999999
## 49483	1	0.9999999
## 49484	4	0.9999999
## 49485	3	0.9999999
## 49486	2	0.9999999
## 49487	1	0.9999999
## 49488	4	0.9999999
## 49489	4	0.9999999
## 49490	2	0.9999999
## 49491	2	0.9999999
## 49492	3	0.9999999
## 49493	1	0.9999999

## 49494	1	0.9999999
## 49495	3	0.9999999
## 49496	4	0.9999999
## 49497	3	0.9999999
## 49498	2	0.9999999
## 49499	3	0.9999999
## 49500	4	0.9999999
## 49501	3	0.9999999
## 49502	1	0.9999999
## 49503	2	0.9999999
## 49504	2	0.9999999
## 49505	3	0.9999999
## 49506	2	0.9999999
## 49507	2	0.9999999
## 49508	4	0.9999999
## 49509	3	0.9999999
## 49510	2	0.9999999
## 49511	2	0.9999999
## 49512	2	0.9999999
## 49513	3	0.9999999
## 49514	3	0.9999999
## 49515	2	0.9999999
## 49516	4	0.9999999
## 49517	3	0.9999999
## 49518	3	0.9999999
## 49519	2	0.9999999
## 49520	3	0.9999999
## 49521	2	0.9999999
## 49522	2	0.9999999
## 49523	3	0.9999998
## 49524	3	0.9999999
## 49525	2	0.9999999
## 49526	1	0.9999999
## 49527	4	0.9999999
## 49528	3	0.9999999
## 49529	1	0.9999999
## 49530	2	0.9999999
## 49531	3	0.9999999
## 49532	3	0.9999999
## 49533	2	0.9999999
## 49534	2	0.9999999
## 49535	2	0.9999999
## 49536	4	0.9999999
## 49537	3	0.9999999
## 49538	3	0.9999999
## 49539	4	0.9999999
## 49540	4	0.9999999
## 49541	2	0.9999999
## 49542	2	0.9999999
## 49543	2	0.9999999
## 49544	3	0.9999999
## 49545	4	0.9999999
## 49546	2	0.9999999
## 49547	4	0.9999999

## 49548	4	0.9999999
## 49549	4	0.9999999
## 49550	3	0.9999999
## 49551	2	0.9999999
## 49552	2	0.9999999
## 49553	3	0.9999999
## 49554	2	0.9999999
## 49555	3	0.9999999
## 49556	2	0.9999999
## 49557	4	0.9999999
## 49558	3	0.9999999
## 49559	3	0.9999999
## 49560	2	0.9999999
## 49561	2	0.9999999
## 49562	3	0.9999999
## 49563	2	0.9999999
## 49564	2	0.9999999
## 49565	4	0.9999999
## 49566	4	0.9999999
## 49567	1	0.9999999
## 49568	4	0.9999999
## 49569	3	0.9999999
## 49570	2	0.9999999
## 49571	3	0.9999998
## 49572	2	0.9999999
## 49573	4	0.9999998
## 49574	4	0.9999999
## 49575	2	0.9999999
## 49576	1	0.9999999
## 49577	3	0.9999999
## 49578	3	0.9999999
## 49579	4	0.9999999
## 49580	4	0.9999999
## 49581	2	0.9999999
## 49582	2	0.9999999
## 49583	4	0.9999999
## 49584	4	0.9999999
## 49585	2	0.9999999
## 49586	1	0.9999999
## 49587	4	0.9999999
## 49588	3	0.9999999
## 49589	4	0.9999999
## 49590	2	0.9999999
## 49591	3	0.9999999
## 49592	4	0.9999999
## 49593	0	0.9999999
## 49594	2	0.9999999
## 49595	1	0.9999999
## 49596	3	0.9999999
## 49597	3	0.9999999
## 49598	2	0.9999999
## 49599	1	0.9999999
## 49600	4	0.9999999
## 49601	4	0.9999999

## 49602	3	0.9999999
## 49603	4	0.9999998
## 49604	2	0.9999999
## 49605	2	0.9999999
## 49606	2	0.9999999
## 49607	2	0.9999999
## 49608	2	0.9999999
## 49609	4	0.9999999
## 49610	3	0.9999999
## 49611	2	0.9999999
## 49612	4	0.9999999
## 49613	3	0.9999999
## 49614	2	0.9999999
## 49615	1	0.9999999
## 49616	3	0.9999999
## 49617	4	0.9999999
## 49618	3	0.9999999
## 49619	4	0.9999999
## 49620	4	0.9999999
## 49621	4	0.9999999
## 49622	3	0.9999999
## 49623	2	0.9999999
## 49624	4	0.9999999
## 49625	2	0.9999999
## 49626	3	0.9999999
## 49627	2	0.9999999
## 49628	4	0.9999999
## 49629	4	0.9999999
## 49630	3	0.9999999
## 49631	4	0.9999999
## 49632	2	0.9999999
## 49633	4	0.9999999
## 49634	1	0.9999999
## 49635	4	0.9999999
## 49636	3	0.9999999
## 49637	2	0.9999999
## 49638	2	0.9999999
## 49639	2	0.9999999
## 49640	3	0.9999999
## 49641	2	0.9999999
## 49642	2	0.9999999
## 49643	4	0.9999999
## 49644	3	0.9999999
## 49645	2	0.9999999
## 49646	2	0.9999999
## 49647	2	0.9999999
## 49648	1	0.9999999
## 49649	2	0.9999999
## 49650	2	0.9999999
## 49651	3	0.9999998
## 49652	2	0.9999999
## 49653	3	0.9999999
## 49654	3	0.9999999
## 49655	2	0.9999999

## 49656	2	0.9999999
## 49657	1	0.9999999
## 49658	2	0.9999999
## 49659	4	0.9999999
## 49660	1	0.9999999
## 49661	2	0.9999999
## 49662	3	0.9999999
## 49663	2	0.9999999
## 49664	4	0.9999999
## 49665	4	0.9999999
## 49666	4	0.9999999
## 49667	0	0.9999999
## 49668	2	0.9999999
## 49669	2	0.9999999
## 49670	3	0.9999999
## 49671	2	0.9999999
## 49672	2	0.9999998
## 49673	2	0.9999999
## 49674	4	0.9999999
## 49675	3	0.9999999
## 49676	1	0.9999999
## 49677	2	0.9999999
## 49678	2	0.9999999
## 49679	4	0.9999999
## 49680	2	0.9999999
## 49681	2	0.9999999
## 49682	3	0.9999999
## 49683	2	0.9999999
## 49684	2	0.9999999
## 49685	3	0.9999999
## 49686	3	0.9999999
## 49687	4	0.9999999
## 49688	1	0.9999998
## 49689	2	0.9999999
## 49690	4	0.9999998
## 49691	2	0.9999999
## 49692	3	0.9999999
## 49693	2	0.9999999
## 49694	3	0.9999999
## 49695	3	0.9999999
## 49696	2	0.9999999
## 49697	4	0.9999999
## 49698	2	0.9999999
## 49699	3	0.9999998
## 49700	2	0.9999999
## 49701	2	0.9999999
## 49702	1	0.9999999
## 49703	2	0.9999999
## 49704	1	0.9999999
## 49705	4	0.9999999
## 49706	2	0.9999999
## 49707	2	0.9999999
## 49708	4	0.9999999
## 49709	2	0.9999998

## 49710	3	0.9999999
## 49711	2	0.9999999
## 49712	4	0.9999998
## 49713	2	0.9999999
## 49714	0	0.9999999
## 49715	4	0.9999999
## 49716	2	0.9999999
## 49717	2	0.9999999
## 49718	4	0.9999999
## 49719	3	0.9999999
## 49720	3	0.9999999
## 49721	2	0.9999999
## 49722	2	0.9999999
## 49723	2	0.9999999
## 49724	4	0.9999999
## 49725	2	0.9999999
## 49726	1	0.9999999
## 49727	2	0.9999999
## 49728	2	0.9999999
## 49729	2	0.9999999
## 49730	2	0.9999999
## 49731	4	0.9999999
## 49732	2	0.9999999
## 49733	3	0.9999999
## 49734	3	0.9999999
## 49735	4	0.9999999
## 49736	3	0.9999999
## 49737	0	0.9999999
## 49738	0	0.9999999
## 49739	2	0.9999998
## 49740	2	0.9999999
## 49741	4	0.9999999
## 49742	2	0.9999999
## 49743	3	0.9999999
## 49744	2	0.9999999
## 49745	2	0.9999999
## 49746	4	0.9999999
## 49747	1	0.9999999
## 49748	3	0.9999999
## 49749	4	0.9999999
## 49750	4	0.9999999
## 49751	1	0.9999999
## 49752	2	0.9999999
## 49753	0	0.9999999
## 49754	2	0.9999999
## 49755	2	0.9999999
## 49756	4	0.9999999
## 49757	3	0.9999999
## 49758	2	0.9999999
## 49759	1	0.9999999
## 49760	2	0.9999999
## 49761	2	0.9999999
## 49762	4	0.9999999
## 49763	4	0.9999999

## 49764	2	0.9999999
## 49765	1	0.9999999
## 49766	4	0.9999998
## 49767	1	0.9999999
## 49768	2	0.9999998
## 49769	2	0.9999999
## 49770	3	0.9999999
## 49771	4	0.9999999
## 49772	1	0.9999999
## 49773	2	0.9999999
## 49774	2	0.9999998
## 49775	2	0.9999999
## 49776	3	0.9999999
## 49777	3	0.9999999
## 49778	2	0.9999999
## 49779	2	0.9999998
## 49780	3	0.9999999
## 49781	3	0.9999999
## 49782	0	0.9999999
## 49783	4	0.9999999
## 49784	2	0.9999999
## 49785	3	0.9999999
## 49786	4	0.9999999
## 49787	4	0.9999999
## 49788	4	0.9999999
## 49789	4	0.9999999
## 49790	4	0.9999999
## 49791	4	0.9999999
## 49792	2	0.9999999
## 49793	2	0.9999999
## 49794	3	0.9999999
## 49795	1	0.9999999
## 49796	4	0.9999999
## 49797	2	0.9999999
## 49798	3	0.9999998
## 49799	3	0.9999999
## 49800	3	0.9999999
## 49801	4	0.9999999
## 49802	4	0.9999999
## 49803	2	0.9999999
## 49804	2	0.9999999
## 49805	2	0.9999999
## 49806	4	0.9999999
## 49807	4	0.9999999
## 49808	2	0.9999999
## 49809	3	0.9999999
## 49810	3	0.9999999
## 49811	3	0.9999999
## 49812	4	0.9999999
## 49813	2	0.9999999
## 49814	3	0.9999999
## 49815	2	0.9999999
## 49816	1	0.9999999
## 49817	2	0.9999999

## 49818	4	0.9999999
## 49819	3	0.9999999
## 49820	4	0.9999999
## 49821	2	0.9999999
## 49822	3	0.9999999
## 49823	2	0.9999999
## 49824	4	0.9999999
## 49825	2	0.9999999
## 49826	2	0.9999999
## 49827	2	0.9999999
## 49828	1	0.9999999
## 49829	3	0.9999999
## 49830	4	0.9999999
## 49831	3	0.9999999
## 49832	3	0.9999999
## 49833	2	0.9999999
## 49834	4	0.9999999
## 49835	2	0.9999999
## 49836	2	0.9999999
## 49837	1	0.9999999
## 49838	2	0.9999999
## 49839	3	0.9999998
## 49840	1	0.9999999
## 49841	4	0.9999999
## 49842	2	0.9999999
## 49843	1	0.9999998
## 49844	2	0.9999999
## 49845	3	0.9999999
## 49846	3	0.9999999
## 49847	2	0.9999999
## 49848	2	0.9999999
## 49849	3	0.9999999
## 49850	2	0.9999999
## 49851	2	0.9999999
## 49852	3	0.9999999
## 49853	2	0.9999999
## 49854	2	0.9999999
## 49855	2	0.9999999
## 49856	4	0.9999999
## 49857	3	0.9999999
## 49858	3	0.9999999
## 49859	4	0.9999999
## 49860	4	0.9999999
## 49861	3	0.9999999
## 49862	2	0.9999999
## 49863	4	0.9999999
## 49864	3	0.9999999
## 49865	2	0.9999999
## 49866	3	0.9999999
## 49867	3	0.9999999
## 49868	2	0.9999999
## 49869	0	0.9999998
## 49870	4	0.9999999
## 49871	2	0.9999999

## 49872	3	0.9999999
## 49873	1	0.9999999
## 49874	2	0.9999999
## 49875	3	0.9999999
## 49876	4	0.9999999
## 49877	0	0.9999998
## 49878	4	0.9999999
## 49879	2	0.9999999
## 49880	2	0.9999999
## 49881	2	0.9999999
## 49882	2	0.9999999
## 49883	2	0.9999999
## 49884	2	0.9999999
## 49885	1	0.9999999
## 49886	2	0.9999999
## 49887	2	0.9999999
## 49888	2	0.9999999
## 49889	3	0.9999999
## 49890	4	0.9999999
## 49891	3	0.9999999
## 49892	1	0.9999999
## 49893	3	0.9999999
## 49894	1	0.9999999
## 49895	2	0.9999999
## 49896	1	0.9999999
## 49897	3	0.9999999
## 49898	0	0.9999999
## 49899	3	0.9999999
## 49900	1	0.9999999
## 49901	2	0.9999999
## 49902	4	0.9999999
## 49903	4	0.9999999
## 49904	4	0.9999999
## 49905	4	0.9999999
## 49906	4	0.9999999
## 49907	2	0.9999999
## 49908	3	0.9999999
## 49909	4	0.9999999
## 49910	2	0.9999999
## 49911	2	0.9999999
## 49912	4	0.9999999
## 49913	2	0.9999999
## 49914	0	0.9999999
## 49915	4	0.9999999
## 49916	1	0.9999999
## 49917	2	0.9999999
## 49918	2	0.9999999
## 49919	4	0.9999999
## 49920	1	0.9999999
## 49921	3	0.9999999
## 49922	4	0.9999999
## 49923	1	0.9999999
## 49924	0	0.9999998
## 49925	4	0.9999999

## 49926	3	0.9999999
## 49927	3	0.9999999
## 49928	3	0.9999999
## 49929	2	0.9999999
## 49930	3	0.9999999
## 49931	3	0.9999999
## 49932	2	0.9999999
## 49933	4	0.9999999
## 49934	3	0.9999999
## 49935	1	0.9999999
## 49936	3	0.9999999
## 49937	2	0.9999998
## 49938	3	0.9999999
## 49939	2	0.9999999
## 49940	2	0.9999999
## 49941	2	0.9999999
## 49942	2	0.9999998
## 49943	1	0.9999999
## 49944	2	0.9999999
## 49945	2	0.9999999
## 49946	4	0.9999999
## 49947	3	0.9999999
## 49948	4	0.9999999
## 49949	4	0.9999999
## 49950	3	0.9999999
## 49951	2	0.9999999
## 49952	2	0.9999999
## 49953	3	0.9999999
## 49954	2	0.9999999
## 49955	3	0.9999998
## 49956	2	0.9999999
## 49957	3	0.9999999
## 49958	3	0.9999999
## 49959	4	0.9999999
## 49960	2	0.9999999
## 49961	2	0.9999999
## 49962	3	0.9999999
## 49963	2	0.9999998
## 49964	2	0.9999999
## 49965	4	0.9999999
## 49966	3	0.9999999
## 49967	2	0.9999999
## 49968	2	0.9999999
## 49969	2	0.9999999
## 49970	2	0.9999999
## 49971	3	0.9999999
## 49972	2	0.9999999
## 49973	2	0.9999999
## 49974	2	0.9999999
## 49975	2	0.9999999
## 49976	2	0.9999999
## 49977	2	0.9999999
## 49978	1	0.9999999
## 49979	0	0.9999999

```
## 49980      2  0.9999999
## 49981      3  0.9999998
## 49982      4  0.9999999
## 49983      2  0.9999999
## 49984      4  0.9999999
## 49985      4  0.9999999
## 49986      2  0.9999999
## 49987      2  0.9999999
## 49988      3  0.9999999
## 49989      2  0.9999999
## 49990      2  0.9999999
## 49991      3  0.9999999
## 49992      4  0.9999999
## 49993      2  0.9999998
## 49994      3  0.9999999
## 49995      2  0.9999999
## 49996      4  0.9999999
## 49997      2  0.9999999
## 49998      3  0.9999999
## 49999      4  0.9999999
## [ reached 'max' / getOption("max.print") -- omitted 1 rows ]

accuracy <- sum(results$prediction)/length(DiamondDataComplete_nn$cut)*100
print(accuracy)
```

```
## [1] 99.99999
```

```
#99.99995 -- accuracy of neural network model hidden = 5
```

Now, comparing the three models, KNN, C50(decision tree) and ANN.

99.99 % – accuracy of neural network model hidden = 5 (ANN)

82.7% – Accuracy of the c50 tree(Decision Tree)

65.7% – Accuracy of KNN(K=1 gave the highest accuracy)

Among the three models, ANN gave the best accuracy of 99.99%