

Classification

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For more information on Machine Learning tests, follow here: https://alper-enes-duru.github.io/Machine_Learning_Portfolio/ (https://alper-enes-duru.github.io/Machine_Learning_Portfolio/)

Overview of Logistic Regression

Linear models for classification work by finding a linear decision boundary that separates the input data into different classes. The decision boundary is a hyperplane in the feature space, and it is determined by the weights and biases of the model.

The strengths of linear models for classification are their simplicity, interpretability, and efficiency. Linear models are easy to understand and implement, and they can be trained quickly on large datasets. Moreover, linear models can provide insights into the importance of different features for classification, which can be useful in feature selection and engineering.

The weaknesses of linear models for classification include their limited expressiveness and their sensitivity to outliers. Linear models are only capable of modeling linear decision boundaries, which can be inadequate for complex datasets. Additionally, linear models are sensitive to outliers and noisy data, which can lead to poor performance. However, there are various techniques that can be used to address these limitations, such as kernel methods and regularization.

Import the data

I used “SignificantEarthquakeDataset1900-2023.csv” data set from Kaggle to observe the data of “<https://www.kaggle.com/datasets/jahaidulislam/significant-earthquake-dataset-1900-2023>” (<https://www.kaggle.com/datasets/jahaidulislam/significant-earthquake-dataset-1900-2023>)”

```
df <- read.csv("SignificantEarthquakeDataset1900-2023.csv")
```

Train and Split the Data

We need to split the data into 2 for training and testing:

```
i <- sample(1:nrow(df), nrow(df)*0.8, replace=FALSE)
trainData <- df[i,]
testData <- df[-i,]
```

Explore the Data

This dataset is a valuable resource for researchers interested in studying major earthquakes that have taken place globally between the years 1900 and 2023. The dataset provides a vast collection of information on over 37,000 earthquakes that have occurred during this time period, and is meticulously curated and maintained by the National Earthquake Information Center (NEIC), which is a part of the United States Geological Survey (USGS).

The NEIC consistently updates the dataset to ensure that the information is current and accurate, and each entry in the dataset contains important details such as the date, time, location, magnitude, and depth of each earthquake.

R functions:

Summary

```
summary(trainData)
```

```

##           Time           Place           Latitude           Longitude
## Length:29864      Length:29864      Min.      :-77.080      Min.      :-180.00
## Class :character   Class :character   1st Qu.: -16.649   1st Qu.: -75.98
## Mode  :character   Mode  :character   Median :  1.099   Median :  98.59
##                                     Mean  :  5.356   Mean   :  38.76
##                                     3rd Qu.: 33.834   3rd Qu.: 143.49
##                                     Max.   : 87.199   Max.   : 180.00
##
##           Depth           Mag           MagType           nst
## Min.      : -4.00      Min.      :5.500      Length:29864      Min.      :  0.0
## 1st Qu.: 15.00      1st Qu.:5.600      Class :character   1st Qu.:134.0
## Median : 28.80      Median :5.800      Mode  :character   Median :240.0
## Mean   : 58.68      Mean   :5.949                                     Mean   :265.5
## 3rd Qu.: 41.20      3rd Qu.:6.140                                     3rd Qu.:373.0
## Max.    :700.00      Max.    :9.200                                     Max.    :934.0
## NA's    :110                                     NA's    :23908
##           gap           dmin           rms           net
## Min.      :  8.00      Min.      : 0.005      Min.      : 0.005      Length:29864
## 1st Qu.: 24.20      1st Qu.: 1.149      1st Qu.: 0.890      Class :character
## Median : 36.00      Median : 2.527      Median : 1.000      Mode  :character
## Mean   : 44.93      Mean   : 4.314      Mean   : 1.002
## 3rd Qu.: 55.00      3rd Qu.: 5.082      3rd Qu.: 1.110
## Max.    :360.00      Max.    :37.087      Max.    :42.410
## NA's    :21793      NA's    :26317      NA's    :13703
##           ID           Updated           X           Type
## Length:29864      Length:29864      Mode:logical      Length:29864
## Class :character   Class :character   NA's:29864         Class :character
## Mode  :character   Mode  :character                                     Mode  :character
##
##
##
##           horizontalError      depthError      magError      magNst
## Min.      : 0.085      Min.      : 0.00      Min.      :0.000      Min.      : 0.00
## 1st Qu.: 5.700      1st Qu.: 3.50      1st Qu.:0.200      1st Qu.: 17.00
## Median : 7.100      Median : 6.10      Median :0.200      Median : 31.00
## Mean   : 7.306      Mean   : 10.63      Mean   :0.262      Mean   : 46.42
## 3rd Qu.: 8.500      3rd Qu.: 16.20      3rd Qu.:0.330      3rd Qu.: 54.00
## Max.    :99.000      Max.    :266.10      Max.    :1.840      Max.    :941.00
## NA's    :26666      NA's    :13188      NA's    :16642      NA's    :25538
##           status      locationSource      magSource
## Length:29864      Length:29864      Length:29864
## Class :character   Class :character   Class :character
## Mode  :character   Mode  :character   Mode  :character
##
##
##
##

```

```
str(trainData)
```

```
## 'data.frame':    29864 obs. of  23 variables:
## $ Time          : chr  "1990-06-14T08:31:10.010Z" "1934-04-16T03:59:24.080Z" "1948-
11-02T09:53:23.040Z" "2015-04-25T06:15:22.910Z" ...
## $ Place         : chr  "19 km SSW of Union, Philippines" "47 km ENE of Kinablangan,
Philippines" "Carlsberg Ridge" "0 km NNW of Dhulikhel, Nepal" ...
## $ Latitude      : num  11.6 7.91 5.05 27.63 41.72 ...
## $ Longitude     : num  121.8 126.9 61.8 85.5 144 ...
## $ Depth         : num  17.8 35 15 10 25 ...
## $ Mag           : num  5.6 5.99 5.7 6.1 5.5 6 6.24 5.56 5.96 5.9 ...
## $ MagType       : chr  "ms" "mw" "mw" "mb" ...
## $ nst           : int  NA NA NA NA 320 NA NA NA NA 109 ...
## $ gap           : num  NA NA NA 43 114 ...
## $ dmin          : num  NA NA NA 1.17 NA ...
## $ rms           : num  1.1 NA NA 1.02 0.87 1.3 NA NA NA 1.07 ...
## $ net           : chr  "us" "iscgem" "iscgem" "us" ...
## $ ID            : chr  "usp0004aga" "iscgem904891" "iscgem897618" "us20002bi4" ...
## $ Updated       : chr  "2020-08-28T23:53:15.286Z" "2022-04-25T21:44:21.897Z" "2022-
04-26T16:05:58.582Z" "2022-05-03T17:22:46.614Z" ...
## $ X             : logi  NA NA NA NA NA NA NA ...
## $ Type          : chr  "earthquake" "earthquake" "earthquake" "earthquake" ...
## $ horizontalError: num  NA NA NA 8 NA NA NA NA NA NA ...
## $ depthError    : num  NA 15.6 6.5 1.8 NA NA 12.1 25 10.1 NA ...
## $ magError      : num  NA 0.48 0.2 0.089 NA NA 0.2 0.51 0.2 NA ...
## $ magNst        : int  1 NA NA 48 NA 74 NA NA NA NA ...
## $ status        : chr  "reviewed" "reviewed" "reviewed" "reviewed" ...
## $ locationSource: chr  "us" "iscgem" "iscgem" "us" ...
## $ magSource     : chr  "us" "iscgem" "iscgem" "us" ...
```

Head Function for Dataset

```
head(trainData$Mag, n=10)
```

```
## [1] 5.60 5.99 5.70 6.10 5.50 6.00 6.24 5.56 5.96 5.90
```

Dimensions of the Dataset

```
dim(trainData)
```

```
## [1] 29864    23
```

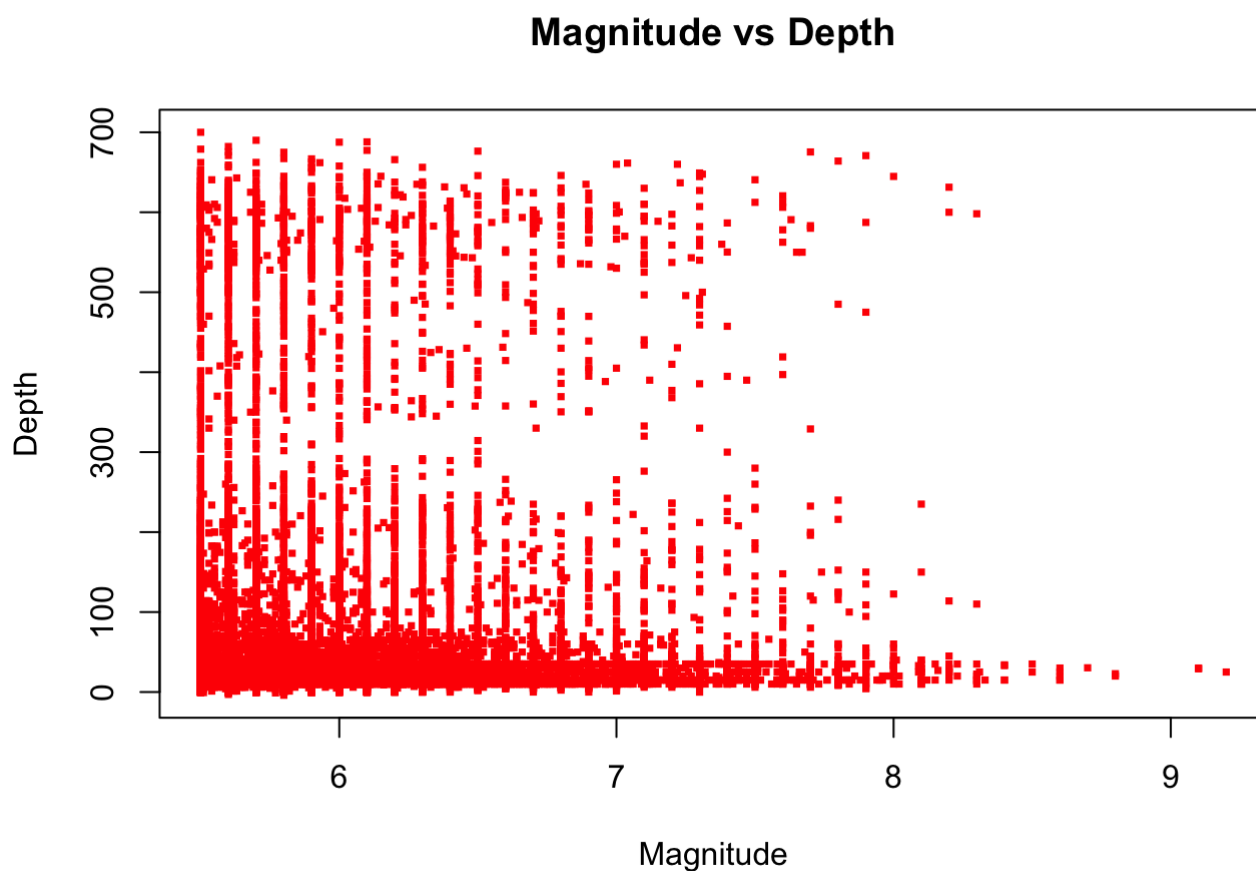
Are there any NA's in the dataset?

```
colSums(is.na(trainData))
```

##	Time	Place	Latitude	Longitude	Depth
##	0	0	0	0	110
##	Mag	MagType	nst	gap	dmin
##	0	0	23908	21793	26317
##	rms	net	ID	Updated	X
##	13703	0	0	0	29864
##	Type	horizontalError	depthError	magError	magNst
##	0	26666	13188	16642	25538
##	status	locationSource	magSource		
##	0	0	0		

Plot the Data

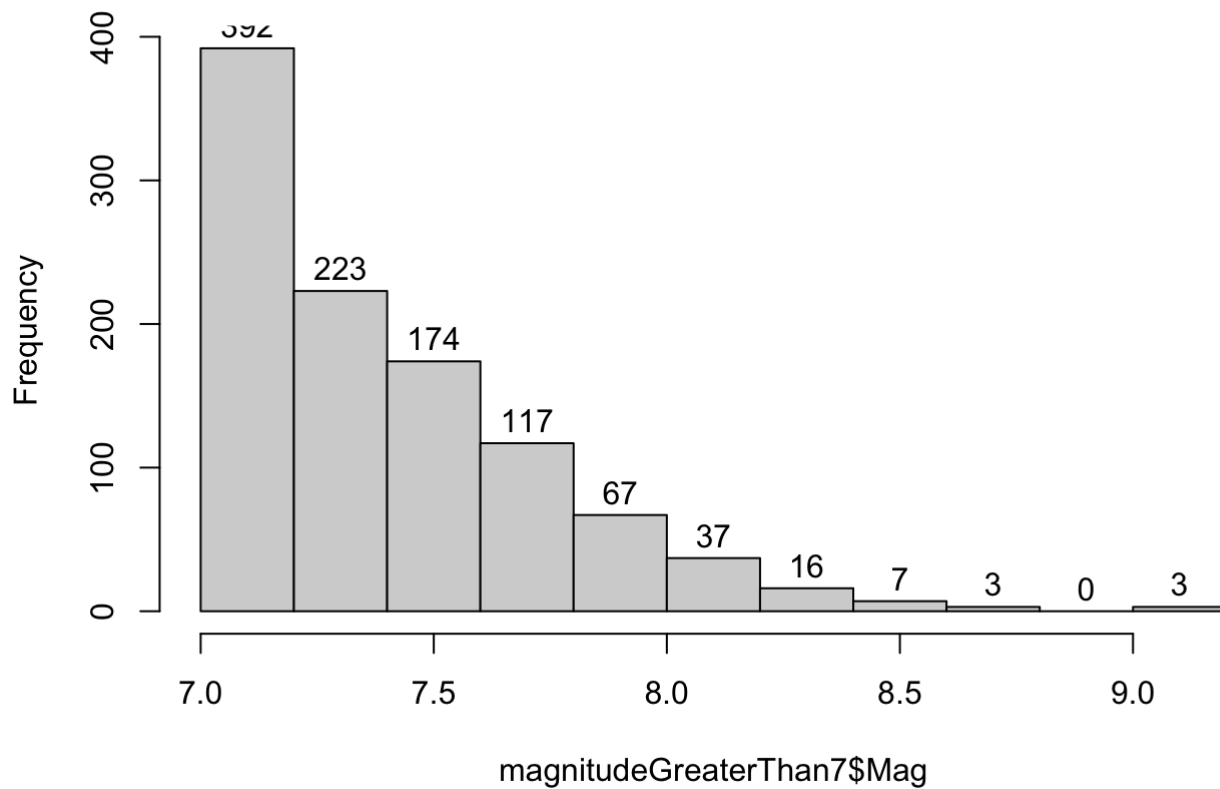
```
plot(trainData$Mag, trainData$Depth, pch=15, col="red", cex=0.5, main="Magnitude vs Depth",
      xlab="Magnitude", ylab="Depth")
```



Magnitude greater than 7

```
magnitudeGreaterThan7 <- subset(trainData, Mag > 7)
hist(magnitudeGreaterThan7$Mag, labels=TRUE)
```

Histogram of magnitudeGreaterThan7\$Mag



Logistic Regression Model

```
logRegMod <- glm(Mag~Depth, data = trainData)
summary (logRegMod)
```

```
##
## Call:
## glm(formula = Mag ~ Depth, data = trainData)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -0.4539  -0.3491  -0.1490   0.1909   3.2508
##
## Coefficients:
##              Estimate Std. Error  t value Pr(>|t|)
## (Intercept)  5.949e+00  2.997e-03 1984.926  <2e-16 ***
## Depth        7.090e-06  2.406e-05   0.295    0.768
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for gaussian family taken to be 0.2079599)
##
##      Null deviance: 6187.2  on 29753  degrees of freedom
## Residual deviance: 6187.2  on 29752  degrees of freedom
## (110 observations deleted due to missingness)
## AIC: 37716
##
## Number of Fisher Scoring iterations: 2
```

Naïve Bayes Model

```
library(e1071)
logRegMod2 <- naiveBayes(Mag~Depth, data = trainData)
logRegMod2
```

```
##
## Naive Bayes Classifier for Discrete Predictors
##
## Call:
## naiveBayes.default(x = X, y = Y, laplace = laplace)
##
## A-priori probabilities:
## Y
##          5.5          5.51          5.52          5.53          5.54          5.55
## 1.468658e-01 4.018216e-03 2.578355e-03 6.763997e-03 2.511385e-03 4.888829e-03
##          5.56          5.57          5.58          5.59          5.6          5.61
## 4.018216e-03 2.109563e-03 4.319582e-03 2.310474e-03 1.118403e-01 2.544870e-03
##          5.62          5.63          5.64          5.65          5.66          5.67
## 6.663541e-03 3.850790e-03 2.143048e-03 3.315028e-03 2.578355e-03 4.587463e-03
##          5.68          5.69          5.7          5.71          5.72          5.73
## 2.444415e-03 3.951246e-03 8.595634e-02 5.558532e-03 2.343959e-03 5.156710e-03
##          5.74          5.75          5.76          5.77          5.78          5.79
## 2.712296e-03 4.888829e-03 2.377444e-03 5.257166e-03 1.942138e-03 4.587463e-03
##          5.8          5.81          5.82          5.83          5.84          5.85
## 6.489419e-02 5.525047e-03 2.410930e-03 2.879721e-03 4.721404e-03 2.009108e-03
##          5.86          5.87          5.88          5.89          5.9          5.91
## 4.855344e-03 2.243504e-03 3.884275e-03 2.444415e-03 5.578623e-02 3.951246e-03
##          5.92          5.93          5.94          5.95          5.96          5.97
## 2.511385e-03 5.424591e-03 2.879721e-03 2.410930e-03 4.989285e-03 2.578355e-03
##          5.98          5.99          6          6.01          6.02          6.03
## 4.788374e-03 2.410930e-03 4.560675e-02 5.022770e-03 2.879721e-03 2.143048e-03
##          6.04          6.05          6.06          6.07          6.08          6.09
## 4.420038e-03 2.276989e-03 2.276989e-03 5.022770e-03 2.578355e-03 2.009108e-03
##          6.1          6.11          6.12          6.13          6.14          6.15
## 3.686713e-02 2.243504e-03 2.511385e-03 3.281543e-03 2.343959e-03 1.707742e-03
##          6.16          6.17          6.18          6.19          6.2          6.21
## 3.080632e-03 2.109563e-03 2.009108e-03 2.444415e-03 2.789312e-02 2.143048e-03
##          6.22          6.23          6.24          6.25          6.26          6.27
## 1.975623e-03 3.750335e-03 2.009108e-03 1.707742e-03 2.009108e-03 3.147602e-03
##          6.28          6.29          6.3          6.31          6.32          6.33
## 1.540316e-03 1.908653e-03 2.270292e-02 3.884275e-03 1.272435e-03 1.774712e-03
##          6.34          6.35          6.36          6.37          6.38          6.39
## 1.305920e-03 2.980177e-03 1.372890e-03 1.272435e-03 1.439861e-03 1.138495e-03
##          6.4          6.41          6.42          6.43          6.44          6.45
## 1.895259e-02 1.171980e-03 1.640771e-03 1.674257e-03 1.138495e-03 2.343959e-03
##          6.46          6.47          6.48          6.49          6.5          6.51
## 1.339405e-03 1.171980e-03 9.040986e-04 1.205465e-03 1.466649e-02 1.105009e-03
##          6.52          6.53          6.54          6.55          6.56          6.57
## 1.071524e-03 1.038039e-03 6.697027e-04 8.036432e-04 1.707742e-03 6.027324e-04
##          6.58          6.59          6.6          6.61          6.62          6.63
## 1.038039e-03 9.040986e-04 1.051433e-02 6.027324e-04 8.706134e-04 1.272435e-03
##          6.64          6.65          6.66          6.67          6.68          6.69
## 9.375837e-04 7.366729e-04 9.375837e-04 5.692473e-04 5.692473e-04 5.692473e-04
##          6.7          6.71          6.72          6.73          6.74          6.75
## 9.141441e-03 1.506831e-03 7.701580e-04 4.018216e-04 7.366729e-04 8.036432e-04
##          6.76          6.77          6.78          6.79          6.8          6.81
## 5.022770e-04 6.362175e-04 4.353067e-04 4.687919e-04 7.467185e-03 8.706134e-04
```



```

##          6.82          6.83          6.84          6.85          6.86          6.87
## 7.031878e-04 4.353067e-04 3.683365e-04 6.362175e-04 3.348513e-04 4.353067e-04
##          6.88          6.89          6.9          6.91          6.92          6.93
## 4.018216e-04 2.678811e-04 6.864452e-03 3.013662e-04 5.357621e-04 3.348513e-04
##          6.94          6.95          6.96          6.97          6.98          6.99
## 2.678811e-04 3.683365e-04 9.710688e-04 4.018216e-04 3.013662e-04 4.687919e-04
##          7          7.01          7.02          7.03          7.04          7.05
## 5.592017e-03 3.683365e-04 5.357621e-04 3.683365e-04 5.022770e-04 3.348513e-04
##          7.06          7.07          7.08          7.09          7.1          7.11
## 4.018216e-04 2.009108e-04 2.343959e-04 3.348513e-04 4.353067e-03 3.683365e-04
##          7.12          7.13          7.14          7.15          7.16          7.17
## 2.343959e-04 3.683365e-04 2.678811e-04 2.343959e-04 2.009108e-04 6.697027e-05
##          7.18          7.19          7.2          7.21          7.22          7.23
## 3.683365e-04 1.674257e-04 3.214573e-03 3.683365e-04 2.678811e-04 1.674257e-04
##          7.24          7.25          7.26          7.27          7.28          7.29
## 1.339405e-04 1.674257e-04 2.009108e-04 1.674257e-04 1.339405e-04 1.674257e-04
##          7.3          7.31          7.32          7.33          7.34          7.36
## 2.812751e-03 1.004554e-04 1.339405e-04 6.697027e-05 6.697027e-05 2.343959e-04
##          7.37          7.38          7.39          7.4          7.41          7.42
## 2.009108e-04 1.674257e-04 6.697027e-05 1.841682e-03 1.339405e-04 2.009108e-04
##          7.43          7.44          7.45          7.46          7.47          7.48
## 6.697027e-05 3.683365e-04 6.697027e-05 1.339405e-04 1.004554e-04 1.004554e-04
##          7.49          7.5          7.51          7.52          7.54          7.55
## 3.348513e-05 1.942138e-03 6.697027e-05 1.004554e-04 6.697027e-05 1.004554e-04
##          7.56          7.58          7.59          7.6          7.61          7.63
## 3.348513e-05 2.009108e-04 1.004554e-04 2.009108e-03 6.697027e-05 1.004554e-04
##          7.64          7.65          7.66          7.67          7.68          7.69
## 1.004554e-04 1.004554e-04 6.697027e-05 1.339405e-04 3.348513e-05 6.697027e-05
##          7.7          7.71          7.73          7.74          7.75          7.76
## 1.607286e-03 6.697027e-05 6.697027e-05 3.348513e-05 3.348513e-05 6.697027e-05
##          7.79          7.8          7.81          7.82          7.83          7.84
## 3.348513e-05 1.339405e-03 3.348513e-05 3.348513e-05 1.674257e-04 1.674257e-04
##          7.85          7.86          7.88          7.9          7.92          7.94
## 6.697027e-05 6.697027e-05 3.348513e-05 8.706134e-04 3.348513e-05 3.348513e-05
##          7.95          7.96          7.98          7.99          8          8.01
## 6.697027e-05 6.697027e-05 3.348513e-05 3.348513e-05 5.357621e-04 3.348513e-05
##          8.02          8.09          8.1          8.12          8.15          8.16
## 6.697027e-05 6.697027e-05 5.692473e-04 3.348513e-05 6.697027e-05 3.348513e-05
##          8.2          8.23          8.3          8.31          8.33          8.4
## 3.683365e-04 6.697027e-05 2.678811e-04 3.348513e-05 3.348513e-05 1.339405e-04
##          8.5          8.6          8.7          8.8          9.1          9.2
## 6.697027e-05 1.674257e-04 3.348513e-05 6.697027e-05 6.697027e-05 3.348513e-05
##
## Conditional probabilities:
##      Depth
## Y      [,1]      [,2]
## 5.5    69.35911 122.2017947
## 5.51   44.97469  71.4383557
## 5.52   61.24156 128.5656696
## 5.53   62.49265 106.9863685
## 5.54   60.88760 102.7594247
## 5.55   46.06438  77.7843835

```

##	5.56	43.41333	85.2612721
##	5.57	39.73492	59.6881821
##	5.58	30.49650	34.0388166
##	5.59	42.49441	47.9178284
##	5.6	66.26737	117.3161743
##	5.61	37.05395	67.6190830
##	5.62	58.82118	103.9970187
##	5.63	35.78070	78.8394424
##	5.64	27.44953	51.3883830
##	5.65	27.85364	32.8428632
##	5.66	29.29586	29.5773253
##	5.67	31.66324	39.3350771
##	5.68	53.31185	105.7716165
##	5.69	29.24252	28.7741316
##	5.7	68.25833	121.1423598
##	5.71	37.42995	57.3219538
##	5.72	48.92857	119.0496147
##	5.73	30.16351	31.3319215
##	5.74	32.50988	60.4036891
##	5.75	30.51661	47.7555010
##	5.76	43.70423	59.6343679
##	5.77	27.04325	23.9577275
##	5.78	40.03621	80.6021825
##	5.79	37.06350	68.7365515
##	5.8	65.27635	117.9007600
##	5.81	48.30727	91.2787453
##	5.82	23.18750	14.9226545
##	5.83	37.78140	70.3903628
##	5.84	24.40355	13.4431045
##	5.85	37.71167	73.1036763
##	5.86	31.27034	51.8829279
##	5.87	24.34925	14.8214870
##	5.88	23.54955	16.3629325
##	5.89	32.98927	53.2070523
##	5.9	66.20641	118.3964138
##	5.91	24.13983	19.0352446
##	5.92	28.49200	26.4196475
##	5.93	35.56241	71.8439444
##	5.94	35.55116	53.4701626
##	5.95	24.46944	14.5672277
##	5.96	23.67230	11.9409706
##	5.97	24.39917	12.6703537
##	5.98	33.36224	44.3461509
##	5.99	30.32361	64.9182856
##	6	64.91322	120.4829544
##	6.01	27.42333	20.1781077
##	6.02	40.07233	76.5179452
##	6.03	31.29531	74.0391090
##	6.04	26.90076	19.4284025
##	6.05	40.60147	42.7131127
##	6.06	31.40882	28.2290352
##	6.07	28.84200	44.8915969

##	6.08	38.35714	70.8907024
##	6.09	40.55167	76.9618869
##	6.1	65.56773	120.9867768
##	6.11	32.59403	66.0430183
##	6.12	27.21467	15.1327611
##	6.13	29.86327	58.6126255
##	6.14	50.47857	108.8680093
##	6.15	34.30588	88.1246989
##	6.16	28.87295	26.0330101
##	6.17	30.12857	24.1293318
##	6.18	38.87000	76.8566359
##	6.19	24.90137	12.0684102
##	6.2	57.80072	102.9302856
##	6.21	24.79166	13.7287274
##	6.22	44.23390	102.9707233
##	6.23	30.38482	57.4697338
##	6.24	44.05167	103.0198343
##	6.25	27.50196	15.9989436
##	6.26	46.98167	94.5797009
##	6.27	32.56702	51.5719341
##	6.28	39.79778	91.8440142
##	6.29	25.14211	17.5078956
##	6.3	74.00472	132.2245451
##	6.31	31.79483	64.8957476
##	6.32	28.04737	19.0478450
##	6.33	36.89623	59.4015474
##	6.34	37.24872	90.2140113
##	6.35	28.08427	36.9016349
##	6.36	31.48537	64.6054779
##	6.37	23.86316	12.3940138
##	6.38	39.52558	94.8686387
##	6.39	54.33824	105.4838779
##	6.4	69.71527	125.5385801
##	6.41	49.94571	94.7209131
##	6.42	44.59184	107.8729361
##	6.43	24.27600	13.3054624
##	6.44	26.44412	16.6339410
##	6.45	40.89177	95.3413406
##	6.46	50.15500	113.3350964
##	6.47	28.85429	17.8167030
##	6.48	45.56667	100.9324717
##	6.49	47.36389	65.6512089
##	6.5	71.47929	132.0706110
##	6.51	26.89697	19.7921305
##	6.52	30.23125	32.4036680
##	6.53	21.40323	13.4428044
##	6.54	23.43500	14.1954505
##	6.55	57.46250	115.4715844
##	6.56	24.70392	11.7185999
##	6.57	40.83961	35.3931576
##	6.58	32.57097	40.9722279
##	6.59	42.38889	78.9858913

##	6.6	68.22807	129.8126675
##	6.61	36.66667	47.4961299
##	6.62	32.89615	44.2463601
##	6.63	27.07105	20.9254133
##	6.64	33.62857	25.8853721
##	6.65	49.54545	128.8863387
##	6.66	54.99286	113.1979549
##	6.67	21.76471	8.4670642
##	6.68	55.14118	115.1362837
##	6.69	37.60000	38.0876620
##	6.7	70.41285	135.0099377
##	6.71	63.28716	126.6643426
##	6.72	57.31304	122.4162359
##	6.73	29.05000	11.8134361
##	6.74	20.05909	10.5866339
##	6.75	29.44583	27.3228043
##	6.76	24.66667	11.5676067
##	6.77	33.29474	25.2279931
##	6.78	35.47692	39.1295744
##	6.79	44.80000	51.5040252
##	6.8	88.10901	151.4980074
##	6.81	32.36538	27.1092596
##	6.82	33.35238	30.0970533
##	6.83	28.84615	10.8308676
##	6.84	19.92727	11.8430647
##	6.85	20.52632	8.0181629
##	6.86	23.50000	12.4833222
##	6.87	60.43077	143.0742662
##	6.88	36.61667	20.6858245
##	6.89	98.12500	217.1394795
##	6.9	95.31110	162.8322428
##	6.91	33.28889	16.7574942
##	6.92	23.59375	14.4328546
##	6.93	25.50000	14.0336896
##	6.94	25.62500	20.4306318
##	6.95	26.71818	9.2614057
##	6.96	32.01034	68.9491756
##	6.97	27.58333	33.5490369
##	6.98	80.75556	169.4081987
##	6.99	22.97857	10.8297438
##	7	67.10427	123.8864994
##	7.01	78.07273	173.8582991
##	7.02	30.96250	15.6838718
##	7.03	70.05455	165.9976889
##	7.04	65.65333	165.2925410
##	7.05	18.85000	8.2401793
##	7.06	42.25833	57.3063610
##	7.07	27.93333	12.1731946
##	7.08	30.71429	15.9239263
##	7.09	19.00000	8.0966385
##	7.1	114.17442	174.8242648
##	7.11	32.64545	44.4756420

##	7.12	85.51429	136.1244091
##	7.13	18.18182	7.5075719
##	7.14	20.62500	7.2886899
##	7.15	101.95714	214.8743343
##	7.16	57.50000	42.3064534
##	7.17	36.85000	30.9005663
##	7.18	26.36364	8.9696458
##	7.19	18.00000	9.7467943
##	7.2	81.82879	131.7421736
##	7.21	36.39091	18.8912919
##	7.22	148.18750	252.6654956
##	7.23	142.36000	276.4766681
##	7.24	15.00000	4.0824829
##	7.25	121.16000	209.6836379
##	7.26	20.00000	8.3666003
##	7.27	124.62000	234.1243729
##	7.28	38.32500	38.2084960
##	7.29	21.00000	10.8397417
##	7.3	124.74284	193.0156942
##	7.31	394.20000	319.7106817
##	7.32	22.50000	10.4083300
##	7.33	25.00000	14.1421356
##	7.34	25.00000	14.1421356
##	7.36	15.00000	2.8867513
##	7.37	25.03333	11.9289005
##	7.38	128.00000	241.6505742
##	7.39	25.00000	14.1421356
##	7.4	92.42453	135.9716457
##	7.41	17.50000	2.8867513
##	7.42	36.66667	41.7931414
##	7.43	35.00000	0.0000000
##	7.44	41.16364	56.9358810
##	7.45	30.00000	7.0710678
##	7.46	27.50000	9.5742711
##	7.47	140.00000	216.5640783
##	7.48	25.00000	10.0000000
##	7.49	35.00000	NA
##	7.5	76.35414	123.7464480
##	7.51	27.50000	3.5355339
##	7.52	21.66667	11.5470054
##	7.54	30.00000	7.0710678
##	7.55	45.33333	17.8978583
##	7.56	10.00000	NA
##	7.58	19.16667	9.1742393
##	7.59	28.33333	5.7735027
##	7.6	97.89638	168.2997760
##	7.61	19.00000	5.6568542
##	7.63	213.56667	326.7601006
##	7.64	15.00000	0.0000000
##	7.65	191.66667	310.3358396
##	7.66	22.50000	3.5355339
##	7.67	151.25000	265.8751273

##	7.68	50.00000	NA
##	7.69	17.50000	3.5355339
##	7.7	82.27075	152.8459541
##	7.71	65.00000	70.7106781
##	7.73	17.50000	10.6066017
##	7.74	150.00000	NA
##	7.75	35.00000	NA
##	7.76	15.00000	0.0000000
##	7.79	25.00000	NA
##	7.8	74.33657	129.6398645
##	7.81	15.00000	NA
##	7.82	35.00000	NA
##	7.83	21.00000	8.2158384
##	7.84	35.00000	37.5832409
##	7.85	25.00000	14.1421356
##	7.86	20.00000	NA
##	7.88	15.00000	NA
##	7.9	105.13885	180.2362638
##	7.92	35.00000	NA
##	7.94	15.00000	NA
##	7.95	15.00000	0.0000000
##	7.96	17.50000	3.5355339
##	7.98	20.00000	NA
##	7.99	20.00000	NA
##	8	78.17938	153.2066100
##	8.01	40.00000	NA
##	8.02	15.00000	7.0710678
##	8.09	29.00000	5.6568542
##	8.1	42.52529	59.2505981
##	8.12	15.00000	NA
##	8.15	25.00000	14.1421356
##	8.16	27.00000	NA
##	8.2	142.60909	235.5077470
##	8.23	27.50000	10.6066017
##	8.3	103.06750	202.6573065
##	8.31	25.00000	NA
##	8.33	15.00000	NA
##	8.4	24.25000	10.6887792
##	8.5	30.00000	7.0710678
##	8.6	21.00000	6.5192024
##	8.7	30.30000	NA
##	8.8	21.45000	2.0506097
##	9.1	29.50000	0.7071068
##	9.2	25.00000	NA

Evaluate Test Data

Let's compare the results:

Logistic Regression Test

```
prob <- predict(logRegMod, newdata = testData, type = "response")
prediction1 <- ifelse(prob > 0.5, TRUE, FALSE)
accuracy <- mean(prediction1 == testData$Mag)
print(paste("Accuracy: ", accuracy))
```

```
## [1] "Accuracy:  NA"
```

```
table(prediction1, testData$Mag)
```

```

##
## prediction1  5.5 5.51 5.52 5.53 5.54 5.55 5.56 5.57 5.58 5.59  5.6 5.61 5.62
##          TRUE 1051  25  20  58  16  40  30  18  39  19 870  18  56
##
## prediction1 5.63 5.64 5.65 5.66 5.67 5.68 5.69  5.7 5.71 5.72 5.73 5.74 5.75
##          TRUE  33  22  27  15  31  19  31 635  45  18  35  18  33
##
## prediction1 5.76 5.77 5.78 5.79  5.8 5.81 5.82 5.83 5.84 5.85 5.86 5.87 5.88
##          TRUE  22  33  20  48 486  37  17  20  32  17  31  22  36
##
## prediction1 5.89  5.9 5.91 5.92 5.93 5.94 5.95 5.96 5.97 5.98 5.99  6 6.01
##          TRUE  25 416  31  19  32  14  19  39  14  28  18 326  34
##
## prediction1 6.02 6.03 6.04 6.05 6.06 6.07 6.08 6.09  6.1 6.11 6.12 6.13 6.14
##          TRUE  18  13  33  18  17  31  22  17 296  14  18  29  16
##
## prediction1 6.15 6.16 6.17 6.18 6.19  6.2 6.21 6.22 6.23 6.24 6.25 6.26 6.27
##          TRUE  12  26  10  17  10 211  19  18  22  7  10  17  23
##
## prediction1 6.28 6.29  6.3 6.31 6.32 6.33 6.34 6.35 6.36 6.37 6.38 6.39  6.4
##          TRUE  18  13 167  32  14  14  13  21  9  19  10  9 136
##
## prediction1 6.41 6.42 6.43 6.44 6.45 6.46 6.47 6.48 6.49  6.5 6.51 6.52 6.53
##          TRUE  12  12  7  6  22  11  4  8  7 106  9  9  6
##
## prediction1 6.54 6.55 6.56 6.57 6.58 6.59  6.6 6.61 6.62 6.63 6.64 6.65 6.66
##          TRUE  7  4  7  7  6  6  83  10  4  12  9  7  4
##
## prediction1 6.67 6.68 6.69  6.7 6.71 6.72 6.73 6.74 6.75 6.76 6.77 6.78 6.79
##          TRUE  4  4  7  69 12  7  2  5  4  3  6  5  7
##
## prediction1  6.8 6.81 6.82 6.83 6.85 6.86 6.87 6.88 6.89  6.9 6.91 6.92 6.93
##          TRUE  58  8  8  5  7  1  2  3  3  40  3  7  2
##
## prediction1 6.94 6.95 6.96 6.97 6.98 6.99  7 7.01 7.02 7.03 7.04 7.05 7.06
##          TRUE  2  4  8  2  2  6 33  1  3  4  5  2  2
##
## prediction1 7.07 7.08 7.09  7.1 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19
##          TRUE  3  3  1  28  2  2  3  1  1  1  2  2  4
##
## prediction1  7.2 7.21 7.22 7.23 7.24 7.26 7.27 7.28 7.29  7.3 7.31 7.32 7.33
##          TRUE  23  2  1  3  2  2  2  1  3  14  3  2  1
##
## prediction1 7.34 7.37  7.4 7.41 7.43 7.44 7.46 7.48 7.49  7.5 7.52 7.53 7.56
##          TRUE  4  1 13  1  1  1  2  2  1 12  3  1  1
##
## prediction1 7.58  7.6 7.61 7.62 7.65 7.69  7.7 7.72  7.8 7.81 7.83 7.84 7.88
##          TRUE  1 11  1  1  1  1 15  1  9  2  1  1  1
##
## prediction1  7.9 7.93 7.95 7.96  8 8.02 8.1 8.2 8.5  9 9.5
##          TRUE  5  1  1  1  3  1  6  3  1  1  1

```


Naive Bayes Test

```
prob2 <- predict(logRegMod2, newdata = testData, type = "class")
accuracy2 <- mean(prob2 == testData$Mag)
print(paste("Accuracy: ", accuracy2))
```

```
## [1] "Accuracy: 0.132583366813982"
```

```
table(prob2, testData$Mag)
```

##	##	prob2	5.5	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.6	5.61	5.62	5.63	5.64
##	5.5	989	16	14	42	10	23	14	8	20	10	813	14	30	19	9	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.96	38	1	1	2	1	2	0	1	0	1	41	0	0	0	0	
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	16	0	1	3	1	3	4	3	5	3	16	1	4	5	5
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	12	8	4	11	4	12	12	6	14	5	7	3	22	9	8
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	5.65	5.66	5.67	5.68	5.69	5.7	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78
##	5.5	8	8	14	10	12	588	23	10	12	8	8	15	19	11	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	0	0	0	25	2	0	0	0	0	1	0	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	4	3	3	1	9	8	4	2	8	2	7	0	4	1
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	15	4	14	8	10	15	16	6	15	8	19	6	10	8
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	5.79	5.8	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.9	5.91	5.92	5.93
##	5.5	20	447	20	8	8	11	7	12	9	18	13	379	10	14	18	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.96	0	16	0	0	0	1	0	0	0	0	1	20	0	0	0	
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	4	9	3	1	3	4	4	5	5	9	3	6	3	1	4
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	24	14	14	8	9	16	6	14	8	9	8	11	18	4	10
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	5.94	5.95	5.96	5.97	5.98	5.99	6	6.01	6.02	6.03	6.04	6.05	6.06	6.07
##	5.5	4	4	19	5	14	8	297	10	6	4	11	8	6	15	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.96	0	0	0	1	0	0	12	0	0	0	0	0	0	0	
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	2	7	7	0	5	1	8	4	4	4	8	4	6	6
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	8	8	13	8	9	9	12	20	8	5	14	6	5	10
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.08	6.09	6.1	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19	6.2	6.21	6.22
##	5.5	11	5	259	6	8	13	9	4	8	2	6	5	179	9	3	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	8	0	0	0	0	0	0	0	0	0	6	0	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	2	1	10	6	3	9	7	3	7	0	4	2	10	0	4
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	9	11	19	2	7	7	0	5	11	8	7	3	17	10	11
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.23	6.24	6.25	6.26	6.27	6.28	6.29	6.3	6.31	6.32	6.33	6.34	6.35	6.36
##	5.5	6	1	4	8	5	9	3	147	15	4	7	7	10	5	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	0	0	0	0	0	6	0	0	0	0	1	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	3	2	0	2	6	4	3	9	7	4	1	2	3	3
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	13	4	6	7	12	5	7	5	10	6	6	4	7	1
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.37	6.38	6.39	6.4	6.41	6.42	6.43	6.44	6.45	6.46	6.47	6.48	6.49	6.5	6.51
##	5.5	6	7	4	123	8	4	1	3	10	7	4	3	3	85	3	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.96	0	0	0	0	0	0	0	0	0	0	0	1	0	6	0	
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	4	1	3	2	3	2	2	0	6	0	0	1	2	6	2
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	9	2	2	12	1	6	4	3	6	4	0	3	2	9	4
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.52	6.53	6.54	6.55	6.56	6.57	6.58	6.59	6.6	6.61	6.62	6.63	6.64	6.65
##	5.5	2	1	4	1	4	6	4	5	71	7	2	8	6	3	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	1	0	0	0	0	0	6	0	0	0	0	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	4	2	0	0	2	0	1	0	5	2	0	1	2	2
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	3	3	2	3	1	1	1	1	1	1	2	3	1	2
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.66	6.67	6.68	6.69	6.7	6.71	6.72	6.73	6.74	6.75	6.76	6.77	6.78	6.79	6.8
##	5.5	2	0	3	3	63	3	4	1	4	1	2	3	1	5	49	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	0	3	0	2	0	4	2	1	1	1	1	0	0	2	1
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	2	1	0	2	4	5	1	0	0	2	0	3	4	0	5
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.81	6.82	6.83	6.85	6.86	6.87	6.88	6.89	6.9	6.91	6.92	6.93	6.94	6.95
##	5.5	4	5	4	5	1	0	3	1	34	2	0	1	0	1	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	3	1	0	0	0	1	0	0	1	1	3	0	0	1
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	1	2	1	2	0	1	0	2	3	0	4	1	1	2
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	6.96	6.97	6.98	6.99	7	7.01	7.02	7.03	7.04	7.05	7.06	7.07	7.08	7.09	7.1
##	5.5	5	0	1	3	30	1	1	1	2	1	1	2	1	0	27	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.96	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	1	1	0	0	0	0	0	1	2	1	0	0	0	0	0
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	2	1	1	3	2	0	2	2	1	0	1	1	1	1	0
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##															
##	prob2	7.11	7.12	7.13	7.14	7.15	7.16	7.17	7.18	7.19	7.2	7.21	7.22	7.23	7.24
##	5.5	1	0	0	0	0	0	1	1	1	20	1	0	2	0
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	0	0	0	0	0	0	0	1	0	0	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	1	0	1	0	1	1	1	0	0	1	0	0	1	1
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	0	2	2	1	0	0	0	1	3	1	1	1	0	1
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	##	prob2	7.26	7.27	7.28	7.29	7.3	7.31	7.32	7.33	7.34	7.37	7.4	7.41	7.43	7.44	7.46
##	5.5	2	1	1	2	11	1	0	1	3	0	13	0	0	0	1	
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.96	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	0	1	0	0	1	2	0	0	1	0	0	0	1	0	1
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	0	0	0	1	0	0	2	0	0	1	0	1	0	1	0
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##																
##	prob2	7.48	7.49	7.5	7.52	7.53	7.56	7.58	7.6	7.61	7.62	7.65	7.69	7.7	7.72	7.8
##	5.5	0	0	10	3	0	0	0	11	1	1	0	1	10	1	7
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	1	1	0	0	0	1	0	0	0	0	0	0	1	0	1
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	1	0	2	0	1	0	1	0	0	0	1	0	3	0	0
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##																
##	prob2	7.81	7.83	7.84	7.88	7.9	7.93	7.95	7.96	8	8.02	8.1	8.2	8.5	9	9.5
##	5.5	1	0	0	0	5	0	0	0	2	0	5	2	1	1	1
##	5.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	5.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	6.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	6.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.43	1	0	0	0	0	1	0	1	0	1	1	1	0	0	0
##	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

##	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.64	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0
##	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	7.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
##	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Weaknesses and Strengths of These Two Classification Models

Naïve Bayes and Logistic Regression are both popular machine learning algorithms that are widely used for classification tasks.

Logistic Regression

The strengths of Logistic Regression include its interpretability, flexibility, and ability to handle non-linear data. Logistic Regression is a powerful and versatile algorithm that can handle a wide range of classification problems. It is also easy to interpret and understand, which makes it useful for explaining the results of a classification task. Logistic Regression can also be used to model non-linear relationships between the features and the target variable, which increases its applicability to complex datasets.

The weaknesses of Logistic Regression include its sensitivity to outliers and its potential to overfit the data. Logistic Regression can also be computationally expensive for large datasets, which can impact its performance. Additionally, Logistic Regression can have difficulty handling high-dimensional datasets with a large number of features, which can affect its accuracy.

Naïve Bayes

The strengths of Naïve Bayes include its simplicity, speed, and efficiency. Naïve Bayes is a fast and efficient algorithm that can handle high-dimensional datasets with a large number of features. It also performs well on small datasets and requires less training data compared to other algorithms. Naïve Bayes is particularly effective for text classification tasks and has been used in applications such as spam filtering and sentiment analysis.

The weaknesses of Naïve Bayes include its assumption of independence between features, which can lead to inaccurate results if the features are highly correlated. Naïve Bayes also tends to perform poorly when the classes are not well-separated, which can result in misclassification. Furthermore, Naïve Bayes is not suitable for problems that require probability estimates as it tends to produce overconfident predictions.

Classification Metrics

Classification metrics are used to evaluate the performance of a machine learning model for binary or multi-class classification tasks. Each metric provides different insights into the performance of the model and can be used to optimize its parameters.

Accuracy

The benefits of accuracy are its simplicity and ease of interpretation. Accuracy measures the proportion of correctly classified instances and is a common metric used in many classification tasks. However, accuracy can be misleading if the classes are imbalanced, and it does not provide information on the false positive and false negative rates.

Sensitivity & Specificity

Sensitivity and specificity are useful metrics for imbalanced datasets. Sensitivity measures the proportion of true positives, while specificity measures the proportion of true negatives. These metrics provide information on the ability of the model to correctly identify positive and negative instances, respectively.

Kappa

Kappa is a statistical measure that takes into account the agreement between the actual and predicted classes, and it corrects for the agreement that could be expected by chance. Kappa provides a more robust evaluation of the model's performance and is useful when the classes are imbalanced.

ROC & AUC

ROC and AUC are popular metrics used for binary classification tasks. ROC is a graphical representation of the true positive rate (TPR) against the false positive rate (FPR) at different classification thresholds. AUC measures the area under the ROC curve and provides a single value that represents the overall performance of the model. ROC and AUC are useful metrics for evaluating the trade-off between TPR and FPR, and they can be used to select the optimal threshold for the model.

MCC

MCC (Matthews Correlation Coefficient) is a metric that takes into account the true and false positive and negative rates and provides a balanced measure of the model's performance. MCC is particularly useful for imbalanced datasets and can provide more insight into the model's performance compared to other metrics. However, MCC can be sensitive to the class distribution and may not be suitable for all classification tasks.