# Ejemplos matrices

#### 1. matrices mod 3

2	2	2	1	1	1
2	2	2	1	1	1
2	2	2	1	1	1
-29	445	68	28	268	44

### 2. matrices mod 5

1 3 2 3 2 1 2 1 3 1179068	$ \begin{array}{c cccc} 2 & 4 & 3 \\ 4 & 3 & 2 \\ 3 & 2 & 4 \\ \hline 1159313 \end{array} $	$ \begin{array}{c cccc} 1 & 4 & 3 \\ 3 & 1 & 4 \\ 4 & 3 & 1 \\ \hline 1151986 $	$ \begin{array}{c cccc} 1 & 2 & 4 \\ 2 & 4 & 1 \\ 4 & 1 & 2 \\ 1148762 \end{array} $	3     3       3     3       3     3       3     3       3     3	2 2 2 2 2 2 2 2 2 2 87633	$\begin{array}{c cccc} 1 & 1 & 1 \\ \hline 1 & 1 & 1 \\ \hline 1 & 1 & 1 \\ \hline 277419 \\ \end{array}$
4     4       4     4       4     4       4     4       4     4       4     4	1   4   1   2   2   2   3   0   3   516	$ \begin{array}{c cccc} 1 & 0 & 1 \\ 4 & 4 & 4 \\ \hline 2 & 3 & 2 \\ \hline 472 \end{array} $	2     0     2       3     3     3       4     1     4       443	$ \begin{array}{c cccc} 3 & 2 & 3 \\ 1 & 1 & 1 \\ 4 & 0 & 4 \end{array} $ 436		

3   6   3	3   5   4	1   5   3	$\begin{vmatrix} 3 & 4 & 3 \end{vmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1   6   1	1   6   3	
$\begin{bmatrix} 4 & 4 & 4 \end{bmatrix}$	$5 \mid 4 \mid 3$	$\begin{bmatrix} 5 & 3 & 1 \end{bmatrix}$	$\begin{array}{ c c c c c }\hline 1 & 1 & 1 \\ \hline \end{array}$	3   3   3	5 5 5	3   1   6	
5 2 5	4 3 5	3 1 5	6 5 6	4 1 4	2 4 2	6 3 1	
307826	304116	303964	303913	303587	299818	299767	
$2 \mid 4 \mid 3$	$\begin{array}{ c c c c c }\hline 1 & 2 & 1 \\ \hline \end{array}$	1 5 4	5 3 5	4 6 5	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
4 3 2	6 6 6	4 1 5	2 2 2	6 5 4	6 4 2	3 6 2	
3 2 4	4 3 4	5 4 1	6 1 6	5 4 6	4 2 6	6 2 3	
296379	295927	295261	294240	292630	291920	291517	
1 2 5	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c }\hline 1 & 3 & 2 \\ \hline \end{array}$	1 4 6	$3 \mid 3 \mid 3$	$\begin{bmatrix} 5 & 5 & 5 \end{bmatrix}$	$\begin{array}{ c c c c }\hline 1 & 1 & 1 \\ \hline \end{array}$	
2 5 1	5 2 6	3 2 1	4 6 1	3 3 3	5 5 5	1 1 1	
5 1 2	6 5 2	2 1 3	6 1 4	3 3 3	5 5 5	1 1 1	
291095	291035	288667	286759	75371	74887	71596	
$\begin{bmatrix} 4 & 4 & 4 \end{bmatrix}$	6 6 6	$\begin{bmatrix} 2 & 2 & 2 \end{bmatrix}$	$\begin{bmatrix} 1 & 0 & 5 \end{bmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{bmatrix} 1 & 3 & 4 \end{bmatrix}$	$\boxed{3 \mid 3 \mid 4}$	
4 4 4	6 6 6	2 2 2	6 2 5	5 4 3	1 5 2	2 1 0	
4 4 4	6 6 6	2 2 2	6 4 3	5 1 6	6 0 2	5 6 6	
70320	69890	67628	432	412	373	359	
$\begin{array}{ c c c c c }\hline 1 & 6 & 2 \\ \hline \end{array}$	$\begin{array}{ c c c c }\hline 1 & 1 & 2 \\ \hline \end{array}$	$\boxed{4 \mid 2 \mid 4}$	$\begin{bmatrix} 1 & 0 & 1 \end{bmatrix}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c }\hline 2 & 0 & 2 \\ \hline \end{array}$	$\begin{array}{ c c c c c }\hline 2 & 1 & 2 \\ \hline \end{array}$	
4 3 2	0 6 5	1 1 1	3 3 3	5 5 5	6 6 6	4 4 4	
4 0 5	3 4 4	5 0 5	5 6 5	6 3 6	3 5 3	6 0 6	
337	312	198	196	195	189	151	

$\begin{array}{c ccc} 1 & 4 & 1 \\ \hline 2 & 2 & 2 \end{array}$	$\begin{array}{c cc} 1 & 4 & 2 \\ \hline 1 & 0 & 6 \end{array}$	$\begin{array}{c cc} 1 & 3 & 3 \\ \hline 2 & 0 & 5 \end{array}$	$\begin{array}{c cc} 2 & 2 & 3 \\ \hline 1 & 0 & 6 \end{array}$	$\begin{array}{c cc} 0 & 6 & 4 \\ \hline 5 & 1 & 4 \\ \end{array}$	$\begin{array}{c c c} 0 & 5 & 1 \\ \hline 3 & 2 & 1 \\ \hline \end{array}$	$\begin{array}{c cccc} 0 & 1 & 1 \\ \hline 4 & 3 & 2 \end{array}$
3 0 3	5 3 6	4 4 6	4 5 5	5 3 2	3 6 4	5 5 6
145	0	0	0	0	0	0
$\begin{bmatrix} 0 & 3 & 2 \end{bmatrix}$	$0 \mid 4 \mid 4$	$\begin{bmatrix} 0 & 2 & 2 \end{bmatrix}$				
6 4 2	2 5 1	1 6 4				
6 5 1	6 6 3	3 3 5				
	0	0				

	202 1110 01 11					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3   10   5	1 3 4	$2 \mid 7 \mid 3 \mid$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c }\hline 1 & 1 & 7 \\ \hline \end{array}$
6 5 4	7 6 5	8 6 4	2 10 7	5 4 3	1 10 8	9 3 8
6 2 7	9 10 10	7 2 9	5 6 8	5 1 6	5 7 7	10 5 5
92166	91222	90742	90576	90480	90034	89948
$\begin{array}{ c c c c c } \hline 2 & 9 & 4 \\ \hline \end{array}$	1 6 6	1 2 9	4 9 5	1 9 2	1 4 3	7 5 8
7 5 3	2 8 3	1 4 7	7 6 5	5 4 3	1 10 8	4 3 2
6 1 8	10 10 4	10 6 7	7 3 8	6 10 7	6 5 8	9 1 10
89898	89854	89222	89074	88969	88827	88553
$\begin{array}{ c c c c c }\hline 1 & 2 & 2 \\ \hline \end{array}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{bmatrix} 1 & 1 & 2 \end{bmatrix}$	2   10   8	$2 \mid 4 \mid 7 \mid$	$\boxed{3 \mid 6 \mid 5}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
10 9 8	3 9 4	6 5 4 9	9 3 8	2 8 3	3 1 10	9 8 7
5 5 6	10 2 4	8 9 9	9 7 4	9 1 3	8 7 10	3 6 4
88498	88471	88272	88074	87798	87787	87651
$\begin{array}{ c c c c }\hline 1 & 5 & 4 \\ \hline \end{array}$	$\begin{bmatrix} 2 & 6 & 8 \end{bmatrix}$	4 1 5	5 6 6	1 10 6	5 10 6	$\begin{bmatrix} 3 & 5 & 6 \end{bmatrix}$
10 7 4	4 9 3	8 7 6	3 2 1	7 2 8	8 7 6	4 1 9
10 9 2	10 1 5	9 2 10	9 9 10	9 5 3	8 4 9	7 8 10
87644	87599	87548	87523	87122	86920	86824
$\begin{array}{ c c c c c }\hline 4 & 4 & 6 \\ \hline \end{array}$	1 9 7	3 9 3 4	7 4 3	2 3	$\begin{array}{ c c c c c } \hline 2 & 5 & 2 \\ \hline \end{array}$	3 6 3
3   1   10	8 2 7	5 5 5 5	5 5 10	10 10	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\boxed{4}$ $\boxed{4}$ $\boxed{4}$
7   9   9	8 6 3	7 1 7 6	3 6 6	7 6	$\begin{bmatrix} 4 & 1 & 4 \end{bmatrix}$	$\begin{bmatrix} 5 & 2 & 5 \end{bmatrix}$
86486	85956	45496	45464	45348	45307	45131
6 1 6	2 3 2	4 10 4	$\begin{array}{ c c c c c } \hline 2 & 4 & 2 \\ \hline \end{array}$	1 7	1 9 5	9 5 8 5
8 8 8	6 6 6	6 6 6	10   10   10	3 3	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
10   4   10	10 9 10	8 2 8	7   5   7	5   10	5 10 3	10 7 4 7
44956	44832	44746	44588	44584	4458	84 44560
5 7 5	2 10 6	4 2 4	1 6	1 3 7	5 3 8	8 3 6 5 6
2 2 2	10 6 2	7 7 7	10 10	10 7 5	3 1	1 1 2 2 2
10 8 10	6 2 10	10 1 10	8 3	8 5 3	7 10	5 10 9 10 9
44463	44357	44280	44276	440	062 439	955 43718
$7 \mid 10 \mid 7$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2 7 10	$\begin{array}{ c c c c c } \hline 2 & 9 & 2 \\ \hline \end{array}$	2 1 2	8 4 8	1 5 3
8 8 8	6 4 2	7 10 2	8 8 8	9 9 9	3 3 3	5 3 1
9 6 9	4 2 6	10 2 7	3 7 3	5 6 5	9 2 9	3 1 5
43632	43630	43620	43460	43454	43413	43411
$\begin{array}{ c c c c c }\hline 1 & 2 & 1 \\ \hline \end{array}$	1 10 1	2 8 5 3		3 10 3	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	4 6 5
5 5 5	4 4 4	8 5 2 7		9 9 9	5 4 3	6 5 4
5 5 5 9 8 9 43376			$     \begin{array}{c c c}                                  $	9 9 9 4 8 4 43266	$ \begin{array}{c cccc} 5 & 4 & 3 \\ \hline 4 & 3 & 5 \\ \hline 43225 \end{array} $	$ \begin{array}{c cccc} 6 & 5 & 4 \\ \hline 5 & 4 & 6 \end{array} $ 43223

$\begin{array}{c cccc} 2 & 4 & 3 \\ \hline 4 & 3 & 2 \\ \end{array}$	$\begin{array}{c cccc} 1 & 7 & 4 \\ \hline 7 & 4 & 1 \\ \end{array}$	1         8         10           8         10         1				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
3 2 4	4 1 7	10 1 8				6 10 5 2
$\begin{array}{c c} 43193 \\ \hline 4 & 5 & 10 \end{array}$	$\begin{array}{c c} 43098 \\ \hline 3 & 6 \end{array}$	$ \begin{array}{c c} 43090 \\ \hline 10 & 4 & 6 \end{array} $	$ \begin{array}{c c} 43046 \\ \hline 4 & 5 & 7 \\ \end{array} $	$ \begin{array}{c c}  & 43044 \\ \hline  & 1 & 8 \\ \hline \end{array} $	$ \begin{array}{c c} 42969 \\ \hline 1 & 6 & 10 \end{array} $	
5 10 4	6 10	3 1 1	1 7 6		7 10 8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
10 4 5	10 3	6 9 7	9 6 5		2 8 6	10 8 5 8
$\begin{array}{c c} 42868 \\ \hline 4 & 8 & 6 \end{array}$	$\begin{array}{c c} 42843 \\ \hline 4 & 10 & 7 \end{array}$	$\begin{array}{c c} 4278 \\ \hline 2 & 5 & 9 \end{array}$	$ \begin{array}{c c} 4 & 42685 \\ \hline 2 & 3 & 8 \end{array} $		$ \begin{array}{c c} 4260 \\ \hline 1 & 9 & 5 \end{array} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$     \begin{array}{c c c c}                                $	10 7 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
6 4 8	7 4 10	9 2 5	8 2 3	2 1 3	5 1 9	10 3 1
42269	42183	42154	42099	42071	42005	41813
$     \begin{array}{c c c c}       3 & 9 & 6 \\       \hline       9 & 6 & 3 \\     \end{array} $	2         8         7           7         2         8	3     9     8       8     3     9	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		$egin{array}{c c c c c c c c c c c c c c c c c c c $	8 10 9 10 9 8
6 3 9	8 7 2	9 8 3	7 1 2		8 9 8	9 8 10
41786	41726	41714	41689	41612	41583	41277
$\begin{array}{c c c c} 1 & 7 & 6 \\ \hline 6 & 1 & 7 \\ \end{array}$	$     \begin{array}{c c c c c}                              $	1     8     5       5     1     8	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$     \begin{array}{c c c c c}       7 & 9 & 8 \\       9 & 8 & 7 \\    \end{array} $	1 4 8 4 8 1	$     \begin{array}{c c c c c}                              $
$\begin{array}{c c c c c} 6 & 1 & 7 \\ \hline 7 & 6 & 1 \\ \end{array}$	$     \begin{array}{c c c c c}                              $	5     1     8       8     5     1	$     \begin{array}{c c c c}       8 & 7 & 6 \\       \hline       7 & 6 & 8     \end{array} $	$     \begin{array}{c c c c c}     9 & 8 & 7 \\     \hline     8 & 7 & 9 \\   \end{array} $	8 1 4	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
41155	41112	41104	40811	40690	40679	40677
5 9 7	1 9 4	10 10 10	2 2 2	5 5 5	3 3 3	4 4 4
$     \begin{array}{c c c c}     9 & 7 & 5 \\     \hline     7 & 5 & 9 \\     \end{array} $	$     \begin{array}{c c c c c}                              $	10         10         10           10         10         10	$\begin{array}{ c c c c c c } \hline 2 & 2 & 2 \\ \hline 2 & 2 & 2 \\ \hline \end{array}$	5     5       5     5       5     5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
40640	40360	10312	$\begin{array}{c c} 2 & 2 & 2 \\ \hline 10302 \end{array}$	10226	10159	10063
1 1 1	7 7 7	8 8 8	6 6 6	9 9 9	1 7 8	5 5 7
$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c cccc} 7 & 7 & 7 \\ \hline 7 & 7 & 7 \\ \end{array}$	8 8 8	$     \begin{array}{c c c c c c c c c c c c c c c c c c c $	9 9 9 9 9 9	$ \begin{array}{c c c c} 5 & 9 & 2 \\ \hline 10 & 0 & 6 \end{array} $	4     2     0       8     10     10
$\begin{array}{c c c} 1 & 1 & 1 \\ \hline 9838 \end{array}$	$\begin{array}{c c c} 7 & 7 & 7 \\ \hline 9752 \end{array}$	9687	$ \begin{array}{c c c} 6 & 6 & 6 \\ \hline 9654 \end{array} $	$\frac{9 \mid 9 \mid 9}{9228}$	106	8   10   10   100
1   10   4	$\boxed{4 \mid 5 \mid 5}$	$\begin{array}{ c c c c c } \hline 2 & 0 & 5 \\ \hline \end{array}$	$\begin{array}{ c c c c }\hline 1 & 3 & 6 \\ \hline \end{array}$	$\begin{bmatrix} 6 & 4 & 7 \end{bmatrix}$	1 8 3	$\begin{bmatrix} 1 & 0 & 5 \end{bmatrix}$
8 5 2	2 1 0	9 6 3	1 7 2	3 2 1	6 4 2	6 2 9
$\begin{array}{c c c} 6 & 0 & 9 \\ \hline 98 & \end{array}$	$\begin{array}{c c c} 8 & 8 & 9 \\ \hline 96 & \end{array}$	$\begin{array}{c c c} 7 & 1 & 10 \\ \hline & 93 \\ \hline \end{array}$	$ \begin{array}{c c c} 8 & 0 & 2 \\ \hline 91 \end{array} $	8 0 9	5     0     7       88	85
$1 \mid 1 \mid 3$	4 0 6	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{bmatrix} 3 & 0 & 9 \end{bmatrix}$	$2 \mid 10 \mid 3$	3 0 4	
0 9 7	9 7 5	10 9 8	10 4 9	6 5 4	7 6 5	4 3 2
$ \begin{array}{c c c} 4 & 6 & 6 \\ \hline 85 \end{array} $	84 3 10	$ \begin{array}{c c c} 4 & 7 & 5 \\ \hline 84 \end{array} $	10   8   5   82	$     \begin{bmatrix}       7 & 0 & 8 \\       81 & 81     \end{bmatrix} $	8 1 9	$ \begin{array}{c c c} 4 & 0 & 5 \\ \hline 79 \end{array} $
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 2 & 0 & 7 \end{bmatrix}$	1 4 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
8 6 4	8 3 9	0 7 3	0 10 9	3 8 2	10 3 7	
8 0 10	$\begin{bmatrix} 10 & 6 & 4 \end{bmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{c c c} 6 & 6 & 7 \\ \hline \end{array} $		9 6 5	
$ \begin{array}{c c} 79 \\ \hline 3 & 7 & 4 \end{array} $	$ \begin{array}{c c} 78 \\ \hline 2 & 1 & 9 \end{array} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c c} 78 \\ \hline 2 & 5 & 6 \end{array} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c c} 75 \\ \hline 5 & 3 \end{array} $	$\begin{array}{c c} 73 \\ \hline 6 & 6 & 0 & 7 \end{array}$
$\begin{bmatrix} 3 & 7 & 4 \\ 2 & 1 & 0 \end{bmatrix}$	0 4 8	0 10 9	1 8 4			$\frac{0}{0}$ $\frac{0}{9}$ $\frac{0}{8}$ $\frac{7}{7}$
9 6 10	10 7 6	5 8 6	10 0 3			8 9 5 10
$ \begin{array}{c c} 72 \\ \hline 3 & 1 & 3 \end{array} $	$ \begin{array}{c c} 72 \\ \hline 2 & 0 & 2 \end{array} $	$\begin{array}{c c} 72 \\ \hline 7 & 6 & 7 \end{array}$	$ \begin{array}{c c} 71 \\ \hline 5 & 0 & 5 \end{array} $	$ \begin{array}{c c} 63 \\ \hline 6 & 2 & 6 \end{array} $	$ \begin{array}{c c} 62 \\ \hline 2 & 8 & 2 \end{array} $	$ \begin{array}{c c} 58 \\ \hline 1 & 4 & 1 \end{array} $
6 6 6	5 5 5	3 3 3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 1 1	4 4 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
9 0 9	8 10 8	10 0 10	9 3 9	7 0 7	6 0 6	3 0 3
48	42	40	38	37	37	36

1 0 1	8 0 8	4 0 4	0 10	7 0 8 6	0 2 3 0 4 4
8 8 8	9 9 9	10   10   10	$9 \mid 2 \mid$	6 7 1 6	1 9 6 3 10 6
4   5   4	10   7   10	$\mid 5 \mid 9 \mid 5$	8 5	4   7   5   2	4   5   7     5   5   9
34	32	23	3	2	1 1
0 10 4	0 9 5	0 5 1	0 1 5	0 8 1 0	7 2 0 2 7
5 1 8	6 1 7	3 2 1	7 2 8	4 3 2 5	3 1 10 3 7
9 3 2	8 4 2	3 10 4	10 3 4	5 9 6 4	10 6 10 4 6
0	0	0	0	0	0 0
$0 \mid 10 \mid 2$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0 3 1	0 2 2	0 1 3 0 5 2
6 4 2	7 4 1	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	6 5 4	7 5 3	8 5 2 8 6 4
6 9 8	5 10 8	10 5 8	9 7 10	8 8 10	7 9 10 10 7 1
0	0	0	0	0	0 0
0 4 3	0 3 4	0 9 1	0 5 5	0 4 6 0	1 1 0 7 6
9 6 3	10 6 2	8 7 6	1 7 2	2 7 1 9	8 7 3 8 2
9 8 1	8 9 1	2 5 3	9 9 3	8 10 3 4	4 5 10 9 5
0	0	0	0	0	0 0
$\begin{bmatrix} 0 & 6 & 7 \end{bmatrix}$	$\begin{bmatrix} 0 & 4 & 1 \end{bmatrix}$	0 8 8	0 6	$\overline{2}$ $0$ $\overline{5}$ $\overline{3}$	
4 8 1	10 9 8	6 9 1	1 10	8 2 10 7	
9 10 5	6 3 7	10 10 7	7 3	9 6 4 9	
0	0	0	0	0	

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c }\hline 1 & 2 & 2 \\ \hline \end{array}$	$\begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$	3 1 12	6 3 11	4 1 4	5
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	7 6 5	8 6 4	$\begin{bmatrix} 1 & 7 & 2 \end{bmatrix}$	10 7 6	5 3 12	8
10 11 11	10 10 11	9 11 1	1 11 5	3 8 1	9 6 7	10
47891	47430	47177	47080	4691	4 46852	
9 6 10	3 8 4 3	7   10	1 7 6	$\begin{array}{ c c c c c } \hline 2 & 1 & 9 \\ \hline \end{array}$	4 6 10	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
5 4 3	6 5 4 5	11 4	1 9 4	11 4 10	4 11 5	12 11 10
11 2 12	6 2 7 12	2 2 6	12 11 4	12 7 6	12 3 5	6 7 7
46694	46661	46620	46514	46510	46499	46486
$\boxed{4 \mid 5 \mid 7}$	1 11 7	1 5 4	3 6 8	2 7 3	2   12   8	1 6 7
4 1 11	8 2 9	2 12 9	2 10 5	5 4 3	9 3 10	2 9 3
8 10 11	10 6 3	7 6 10	12 1 4	5 1 6	11 7 4	11 12 4
46484	46482	46439	46378	46376	46374	46370
1 11 2	1 6 3	3   5   9	$\begin{bmatrix} 2 & 6 & 9 \end{bmatrix}$	5 8 6	1 12 9	5 4 7
10 9 8	1 12 10	3 10 4	4 10 3	3 2 1	11 3 8	3 1 12
3 7 4	8 5 10	11 2 4	11 1 5	11 9 12	10 7 5	8 11 10
46355	46353	46338	46327	46291	46287	46172
1 9 2	4 9 5 2	3 3	3 10 5	1 1 2	8 5 9	1 2 4
5 4 3	7 6 5 8	7 6	8 6 4	11 10 9	4 3 2	1 11 8
6 12 7	7 3 8 11	11 12	7 2 9	5 6 6	10 1 11	5 7 8
46113	46080	46061	46043	46009	45983	45979
3   12   10	3 7 6	1 10 8	5 10 6	3   12   6	2 8 10	7   12   8
11 4 10	4 1 11	9 2 8	8 7 6	10 7 4	6 11 3	10 9 8
11 9 5	9 8 12	9 7 3	8 4 9	8 2 11	12 1 7	10 6 11
45970	45969	45969	45917	45891	45822	45816

$\begin{bmatrix} 5 & 6 & 8 \end{bmatrix}$	2 4 4 1 1 8 8 2 11 5 3 8 5 4 11 6 6 1	7
5 2 12	1     12     10     4     10     3     9     6     3     3     1     12     9     7     5     10     9	8
9 11 12	7 7 9 12 12 6 7 1 10 10 7 12 8 3 10 11 4	12
45797	45783 45780 45746 45726 45711 4567	74
3 2 5	1     6     4       2     11     9       4     6       6     0       2     4       8     3     6       7     4     1       6	_
1   12   10	11     8     5     10     3     9     3     1     12     2     9     3     5     1     10     10     8     6	
$ \begin{array}{c c c} 6 & 9 & 8 \\ \hline 45662 \end{array} $	12   10   2       10   8   4       9   9   11       10   1   3       8   9   12       10   2   13         45659     45615     45602     45597     45576     45507	2
$\begin{array}{c c} 45002 \\ \hline 2 & 12 & 3 \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5
11 10 9	1     4     2     1     11     3     2     9     4     7     6     1     3     11     1     3       12     11     10     7     5     3     7     5     3     4     3     2     2     5     8     12     8	4
4 8 5	7     5     8     7     12     9     6     1     8     11     12     12     7     9     11     11	2
45487	45485 45444 45280 45231 45204 45193	L
$\boxed{4 \mid 12 \mid 5}$	1     2     9     6     11     7     2     3     5     1     12     2     2     4     2     2     1	11
8 7 6		9
$9 \mid 2 \mid 10$		8
$ \begin{array}{c c} 45180 \\ \hline 4 & 2 & 5 \end{array} $	45151     45144     45085     45063     44940     44930       5   12   7     1   1   7     1   3   1     6   7   6     3   1   3	
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11 1 12	9 4 11 12 5 5 11 9 11 11 10 11 6 8 6	
44690	44646 44550 24135 23936 23834	
2 11 6	4     10     4     7     4     1     10     1     8     1     8     1     2	1
6 2 11	6 6 6 4 4 4 5 5 5 4 4 4 10 10 10 10 10	10
$ \begin{array}{c c c} 11 & 6 & 2 \\ \hline 23775 \end{array} $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	6
23113	25755 25540 25254 25274 25200 25167	
9 1 9	$\begin{bmatrix} 2 & 3 & 2 \end{bmatrix}$ $\begin{bmatrix} 6 & 12 & 6 \end{bmatrix}$ $\begin{bmatrix} 3 & 11 & 3 \end{bmatrix}$ $\begin{bmatrix} 1 & 5 & 1 \end{bmatrix}$ $\begin{bmatrix} 4 & 8 & 6 \end{bmatrix}$	
$\begin{array}{c c c c c} 2 & 1 & 2 \\ \hline 6 & 6 & 6 \\ \end{array}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$\begin{array}{c cccc} 2 & 1 & 2 \\ \hline 6 & 6 & 6 \\ \hline 10 & 11 & 10 \\ \end{array}$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
6 6 6	11 11 11 8 8 8 8 10 10 10 11 11 11 8 6 4	
6 6 6 10 11 10 23149 1 8 1	11     <	
6     6     6       10     11     10       23149       1     8     1       12     12     12	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11	11     <	$\frac{1}{3}$
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1 3 5
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8	11     <	3
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10       22773	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 5
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 5 6
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10       22773       3     2     3	11       11 <td< td=""><td>3 5 0 6 2</td></td<>	3 5 0 6 2
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6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10       22773       3     2     3       7     7     7       11     12     11       22528       3     4     3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 5 0 6 2 10 72
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10       22773       3     2     3       7     7     7       11     12     11       22528       3     4     3       12     12     12	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 5 0 6 2 10 72 11 1 1
6     6     6       10     11     10       23149       1     8     1       12     12     12       10     3     10       23054       3     6     11       6     11     3       11     3     6       22920       8     11     8       9     9     9       10     7     10       22773       3     2     3       7     7     7       11     12     11       22528       3     4     3	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 5 0 6 2 10 72 11 1 1 8

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12     10     12       11     4     5       3     8       3     8       3     8       3     8       4     5       5     4       6     6       10     2       10     7       2     5       4     6	11 2 7
22303 22283 22281 22253 22232 22199	22192
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2 6
5 5 5 8 8 8 9 6 3 12 10 8 4 3 2 6 10 1 9	9 9
8     12     8       11     2       11     6       3     9       10     8       12       3     2       4     10       1     6       12	3   12
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	3
1     7     4     5     9     5     1     8     7     1     10     5     7     10     7     6     8     7     4     10	7
7 4 1 2 2 2 7 1 8 5 1 10 8 8 8 8 7 6 10 7	
4 1 7 12 8 12 8 7 1 10 5 1 9 6 9 7 6 8 7 4	10
21877 21871 21824 21812 21812 21802 217	$\overline{74}$
3     4     10     2     6     2     3     5     4     8     10     9     1     9     6     5     11     8	3   11   7
4     10     3     12     12     12     5     4     3     10     9     8     6     1     9     11     8     5	11 7 3
10     3     4       9     5     9       9     8       10     9       9     8       10     9       10     9       10     9       10     9       10     9       10     10       10     9       10     10	7   3   11
21765 21755 21753 21720 21636 21603	21498
3     8     12     4     12     9     3     7     5     1     10     12     4     7     12     6     12     9       8     12     3     9     4     12     7     5     3     10     12     1     7     12     4     7     12     4     12     9     6	
12     3     8       12     9     4       12     9       4     12       12     10       12     1       12     1       10     12       12     1       12     1       12     4       7     1       12     4       7     9       6     12	
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1 5 3 7 9 8 2 9 8 1 3 2 1 2 8 1 12 3 1 4 9	
5 3 1 9 8 7 8 2 9 3 2 1 2 8 1 3 1 12 4 9 1	
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<u>21323</u> <u>21301</u> <u>21296</u> <u>21268</u> <u>21231</u> <u>21214</u> <u>21178</u>	
2     3     9     4     12     8     2     12     5     3     10     9     2     8     5     5     12     11	3   12   7
3     9     2     12     8     4     5     2     12     9     3     10     8     5     2     11     5     12	7 3 12
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	12   7   3   20993
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 4
12     7     2     9     12     2     9     7     5     9     5     1     6     6     6     11     11     11     11     4	4 4
7 2 12 12 2 9 7 5 9 5 1 9 6 6 6 6 11 11 11 4	4 4
	$\overline{254}$
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
10     10     10     10     2     2     2     2     2     8     8     8     7     7     7     7     9     9     9     9     1     1     1     1     3     3     3	
10     10     10     10     2     2     2     2     8     8     8     7     7     7     7     9     9     9     9     1	
5230 5094 4995 4978 4930 4851 4849	
5     5     5     5     5     5     5     5     5     5     5     6     2     1     12     5     4     1     5     7       5     5     5     5     5     6     2     1 </td <td>6 9</td>	6 9
5     5     5     5     12     12     12     10     4     11     4     3     2     10     6     2     0     12     11     5       5     5     5     5     5     12     12     12     8     5     4     0     5     7     0     11     6     10     7     10	
4809 4757 78 74 69 69	68
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
2     1     0     5     10     12     4     9     5     10     2     11     10     9     9     6     3	
11     6     12     12     9     7     11     8     6     11     0     6     11     7     12     8     12     11	
66 63 62 62 62	

4     0     7       11     8     5       9     3     12	1 1 10 0 4 8 11 7 7	5     5     6       2     1     0       9     10     10	7   4   8   3   2   1   9   0   10   59	1 0 5 6 2 11 12 4 3	1     8     3       6     4     2       5     0     7       4     2     0       10     10     12       57     56
$ \begin{array}{c cccc} 3 & 0 & 4 \\ \hline 12 & 11 & 10 \\ \hline 5 & 9 & 6 \\ \hline 56 \end{array} $	$ \begin{array}{c cccc} 2 & 12 & 4 \\ 8 & 6 & 4 \\ \hline 8 & 0 & 10 \\ \hline 55 \end{array} $	$ \begin{array}{c cccc} 2 & 0 & 7 \\ 8 & 3 & 11 \\ \hline 12 & 6 & 4 \\ \hline 54 \end{array} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 1 8 2	$ \begin{array}{ c c c c c c } \hline 2 & 7 & 8 \\ \hline 3 & 10 & 4 \\ \hline 12 & 0 & 5 \\ \hline 54 & & 54 \\ \hline \end{array}  \begin{array}{ c c c c c } \hline 2 & 5 & 3 \\ \hline 0 & 12 & 11 \\ \hline 8 & 6 & 9 \\ \hline \hline 54 & & 54 \\ \hline \end{array}$
$ \begin{array}{c cccc} 2 & 1 & 4 \\ 0 & 11 & 9 \\ \hline 5 & 8 & 7 \\ \hline 53 \\ \end{array} $	5 0 6 9 8 7 10 3 11 52	$ \begin{array}{c cccc} 1 & 5 & 8 \\ 3 & 9 & 2 \\ \hline 10 & 0 & 4 \\ \hline 52 \end{array} $	$ \begin{array}{c cccc} 2 & 6 & 6 \\ 0 & 9 & 5 \\ 12 & 12 & 3 \end{array} $	$\begin{array}{c cccc} 2 & 0 & 6 \\ \hline 11 & 7 & 3 \\ \hline 8 & 1 & 12 \\ \hline 51 \\ \end{array}$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
1     3     3       0     11     9       6     6     8	1     7     2       0     12     11       9     4     10	6     5     8       4     2     0       9     12     11       48	2   5   7   1   9   4   11   0   3   47	3 1 4 8 7 6 10 0 11 46	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c cccc} 1 & 10 & 4 \\ 8 & 5 & 2 \\ \hline 6 & 0 & 9 \\ \hline 43 \end{array} $	1 0 3 12 10 8 4 7 6	1 0 8 10 3 9 11 6 5	1     4     6       0     8     3       10     12     2	7 0 7 9 9 9 11 5 11 41	4     7     5       2     1     0       10     8     11       40     40
$ \begin{array}{c cccc} 2 & 1 & 5 \\ \hline 10 & 7 & 4 \\ 9 & 0 & 12 \\ \hline 40 \end{array} $	6     0     8       11     9     7       10     5     12       39	2     8     2       4     4     4       6     0     6       35	3     3     4       0     12     11       7     8     8       34	1 1 1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c cccc} 2 & 0 & 2 \\ \hline 10 & 10 & 10 \\ \hline 5 & 7 & 5 \\ \hline 28 \end{array} $	$ \begin{array}{c cccc} 1 & 4 & 1 \\ 2 & 2 & 2 \\ \hline 3 & 0 & 3 \\ \hline 23 \end{array} $	4     3     4       8     8     8       12     0     12       23	5         0         5           12         12         12           6         11         6           19	3     12     3       6     6     6       9     0     9   16	4     0     4       7     7     7       10     1     10       15     12
0     5     5       4     12     7       6     6     11	0 9 7 8 1 7 8 6 2	0     4     11       3     5     7       12     6     10	$ \begin{array}{c cccc} 0 & 12 & 2 \\ \hline 11 & 9 & 7 \\ \hline 3 & 6 & 5 \\ \hline 2 \end{array} $	0 11 8 10 2 7 9 6 4	0     2     10       1     4     7       11     6     8       1     1
$ \begin{array}{c cccc} 0 & 12 & 4 \\ \hline 5 & 1 & 10 \\ \hline 11 & 3 & 2 \\ \hline 0 & & & \\ \end{array} $	$ \begin{array}{c cccc} 0 & 11 & 5 \\ 6 & 1 & 9 \\ 10 & 4 & 2 \\ 0 & & & \\ \end{array} $	$ \begin{array}{c cccc} 0 & 10 & 6 \\ \hline 7 & 1 & 8 \\ 9 & 5 & 2 \\ \hline 0 & & & \\ \end{array} $	$ \begin{array}{c cccc} 0 & 5 & 1 \\ 3 & 2 & 1 \\ \hline 3 & 12 & 4 \\ \hline 0 & & & \\ \end{array} $	$ \begin{array}{c cccc} 0 & 1 & 5 \\ 7 & 2 & 10 \\ \hline 12 & 3 & 4 \\ 0 \end{array} $	$ \begin{array}{c cccc} 0 & 12 & 7 \\ 9 & 2 & 8 \\ \hline 10 & 5 & 4 \\ \hline 0 & 0 \\  \hline 0 & 8 & 1 \\ 4 & 3 & 2 \\ \hline 5 & 11 & 6 \\ \hline 0 & 0 \\ \end{array} $
$ \begin{array}{c cccc} 0 & 7 & 2 \\ 5 & 3 & 1 \\ 4 & 12 & 6 \\ 0 \end{array} $	$ \begin{array}{c cccc} 0 & 2 & 7 \\ 10 & 3 & 9 \\ 12 & 4 & 6 \end{array} $	0 1 8 11 3 8 11 5 6	5 4 3	$ \begin{array}{c cccc} 0 & 10 & 2 \\ 6 & 4 & 2 \\ 6 & 11 & 8 \\ \hline 0 & & & \\ \end{array} $	4 1 6 5 4
$ \begin{array}{c cccc} 0 & 12 & 3 \\ 8 & 5 & 2 \\ \hline 7 & 11 & 10 \\ \end{array} $	$ \begin{array}{c cccc} 0 & 11 & 4 \\ 9 & 5 & 1 \\ \hline 6 & 12 & 10 \\ \end{array} $	$ \begin{array}{c cccc} 0 & 4 & 1 \\ 7 & 6 & 5 \\ \hline 11 & 8 & 12 \\ 0 & & & \\ \end{array} $	0 3 2 8 6 4 10 9 12	0     2     3       9     6     3	$ \begin{array}{c cccc} 3 \\ 3 \\ 2 \end{array} $ $ \begin{array}{c cccc} 0 & 1 & 4 \\ \hline 10 & 6 & 2 \\ \hline 8 & 11 & 12 \end{array} $
$ \begin{array}{c cccc} 0 & 6 & 2 \\ 9 & 7 & 5 \\ \hline 12 & 8 & 1 \end{array} $	$ \begin{array}{c cccc} 0 & 5 & 3 \\ 10 & 7 & 4 \\ 11 & 9 & 1 \\ 0 \end{array} $	$ \begin{array}{c cccc} 0 & 4 & 4 \\ 11 & 7 & 3 \\ 10 & 10 & 1 \\ \end{array} $	$ \begin{array}{c cccc} 0 & 3 & 5 \\ 12 & 7 & 2 \\ 9 & 11 & 1 \\ 0 \end{array} $	$ \begin{array}{c cccc} 0 & 7 & 4 \\ 12 & 8 & 4 \\ 12 & 9 & 3 \end{array} $	$ \begin{array}{c ccccc} 0 & 5 & 6 \\ 1 & 8 & 2 \\ 10 & 11 & 3 \\ 0 & 0 & 0 \end{array} $

0	8	6		0	7	7	0	6	8	7	0	3	1		0	2	2	0	9	8		0	8	9
2	9	3		3	9	2	4	9	1		11	10	9		12	10	8	5	10	2		6	10	1
12	10	5		11	11	5	10	12	5		6	4	7		5	5	7	12	11	7		11	12	7
	0				0			0			0			,	0			0				0		
0	6	1		0	4	3	0	3	4		0	10	10		0	8	2	0	7	3		0	6	4
12	11	10		1	11	8	2	11	7	Ì	8	11	1		1	12	10	2	12	9		3	12	8
8	3	9		6	5	9	5	6	9	Ì	12	12	9		9	3	11	8	4	11		7	5	11
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9   14   10	8 1 10	1   10   3	4   16   12	4   15   13	5 9 9
12   11   10	14   12   10	1   16   14	13 5 14	14 5 13	6 2 15
12   8   13	14   6   16	12   5   14	15   11   6	14   12   6	12   12   16
18231	18205	18146	18049	18042	18003
12 7 13	11 9 12	1   12   2	5 6 9	1 5 2	7   16   10
6 5 4	6 5 4	6 5 4	5 1 14	15 14 13	14 11 8
14 3 15	15 1 16	8 15 9	10 13 14	9 6 10	12 6 15
17945	17905	17841	17799	17799	17778
10   15   11	$\begin{array}{ c c c c c }\hline 2 & 1 & 12 \\ \hline \end{array}$	8   16   9	1 2 12	6 7 10	7   1   8
13 12 11	15 5 12	12 11 10	16 5 11	6 2 15	12 11 10
13 9 14	15 9 8	13 6 14	15 8 9	11 14 15	14 4 15
17750	17746	17742	17706	17658	17635
9 16 11	$\boxed{4 \mid 4 \mid 6}$	1 7 6	6 1 9	1   12   12	$\begin{array}{ c c c c c }\hline 1 & 2 & 5 \\ \hline \end{array}$
14   12   10	1   16   14	4   16   11	14   11   8	8   14   3	1   14   10
13 8 15	9   11   11	9 8 14	13   4   16	16   16   10	6 9 10
17628	17627	17612	17568	17492	17478
1 9 4	1 3 11	3 6 5	$\begin{array}{ c c c c c } \hline 6 & 5 & 9 \\ \hline \end{array}$	3   16   13	1 6 6
2   16   13	15   5   12	1 16 14	4 1 15	15   5   12	15   10   5
11 6 14	16 7 9	10 9 12	10   14   13	14 11 7	14   14   2
17478	17458	17453	17409	17401	17395
6   14   7	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	11   16   12	4   14   6	1   14   11	8   15   10
10 9 8	2 16 13	14   13   12	10 8 6	13 3 10	13 11 9
11 4 12	9 10 12	14 10 15	10 2 12	12 9 5	12 7 14
17392	17384	17365	17332	17330	17329
3 1 11	5 7 13	6 15 9	6 10 7	1   14   3	2   10   13
13 5 14	5 14 6	13 10 7	3 2 1	8 6 4	8 14 3
16 9 7	15 4 6	11 5 14	14 11 15	9 15 11	15 1 9
17322	17318	17314	17307	17300	17297
1 10 8	1 8 10	1   15   3	2   12   14	4 7 9	5   12   6
2   12   5	4   12   3	14   12   10	10   15   3	6 1 13	$3 \mid 2 \mid 1$
16   14   6	14   16   6	4 9 6	16   1   11	10   12   15	15 9 16
17291	17282	17274	17269	17268	17266
1 6 4	8 9 9	1 7 8	$\begin{array}{ c c c c c } \hline 2 & 6 & 6 \\ \hline \end{array}$	1 9 6	2   14   3
1   15   12	4 3 2	1 11 4	3   16   12	16 11 6	13   12   11
9 7 12	14   14   15	14   15   4	9 9 13	16   13   4	4 10 5
17256	17253	17252	17237	17215	17212

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\boxed{4 \mid 2 \mid 5}$	$2 \mid 4 \mid 4$	5   14   8	11   8   13	3   15   4	
14 5 13	16 15 14	11 9 7	12 9 6	7 5 3	14 13 12	
16 8 8	8 11 9	14 14 16	10 4 13	14 2 16	5 11 6	
17210	17204	17201	17200	17195	17194	
2   13   11	1 6 7	6 8 9	2   15   12	3 10 12	1 16 9	
12 3 11	5 16 10	5 2 16	14 4 11	6 14 5	11 3 12	
$ \begin{array}{c c c} 12 & 10 & 4 \\ \hline 17193 \end{array} $	$ \begin{array}{c c c} 8 & 9 & 14 \\ \hline 17193 \end{array} $	12   13   15   17188	13   10   6   17183	$ \begin{array}{c c c} 16 & 1 & 8 \\ \hline 17170 \end{array} $	$ \begin{array}{c c c} 14 & 7 & 5 \\ \hline 17165 \end{array} $	
$\begin{array}{c c} 17193 \\ \hline 2 & 9 & 8 \end{array}$	$\begin{array}{c c} 17193 \\ \hline 1 & 4 & 2 \end{array}$	5 7 8	$\begin{array}{c c} 17163 \\ \hline 1 & 9 & 9 \end{array}$	6 13 8	1 13 9	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9 8 7	4 1 15	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11 9 7	10 2 11	
16 15 5	14 12 15	11 12 14	15 15 6	10 5 12	12 8 3	
17146	17145	17137	17137	17133	17128	
1   12   10	4   15   8	4   10   14	4 9 12	5 8 12	6 3 7	
11 2 10	13 9 5	8 15 5	5 14 6	4 14 7	12 11 10	]
11 9 3	10   3   14	16   3   9	16 2 7	16 3 6	15 2 16	
17126	17120	17117	17108	17107	17106	٦
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 15 10	5 16 14	2 15 9	4 16 5	
7 2 14 11 13 16	10         8         6           12         15         14	12 3 11 13 8 5	15         6         14           15         13         7	10 3 13 14 8 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	] ]
17097	17091	17078	17078	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	17071	J
5 16 9	7 6 10	6 16 8	2 2 14	3 6 10	5 2 6	]
14 10 6	5 2 16	12 10 8	1 6 11	2 12 5	11 10 9	_
11 4 15	11 15 14	12 4 14	15 10 10	14 1 4	14 1 15	
17068	17067	17067	17060	17060	17056	,
$\begin{bmatrix} 1 & 1 & 7 \end{bmatrix}$	$7 \mid 10 \mid 9$	$\begin{bmatrix} 2 & 8 & 6 \end{bmatrix}$	$3 \mid 3 \mid 4$	8 2 9	5 9 14	
9 3 14	5 3 1	15 11 7	10 9 8	13 12 11	7 15 6	
9 3 14 16 5 5	5 3 1 14 13 16	15 11 7 16 14 3	10     9     8       14     15     15	13     12     11       15     5     16	7 15 6 16 4 8	
9 3 14 16 5 5 17041	5 3 1 14 13 16 17032	15 11 7 16 14 3 17024	10 9 8 14 15 15 17006	13 12 11 15 5 16 16999	7 15 6 16 4 8 16999	1
9 3 14 16 5 5 17041 1 15 7	5 3 1 14 13 16 17032 1 4 3	15 11 7 16 14 3 17024 1 8 5	10 9 8 14 15 15 17006 6 8 14	13 12 11 15 5 16 16999 4 16 7	7 15 6 16 4 8 16999 2 3 5	
9     3     14       16     5     5       17041     1     15     7       8     2     13	$ \begin{array}{c cccc} 5 & 3 & 1 \\ 14 & 13 & 16 \end{array} $ $ 17032$ $ \begin{array}{c cccc} 1 & 4 & 3 \\ 16 & 14 & 12 \end{array} $	15 11 7 16 14 3 17024 1 8 5 3 16 12	10     9     8       14     15     15       17006       6     8     14       6     15     7	13 12 11 15 5 16 16999 4 16 7 12 9 6	7 15 6 16 4 8 16999 2 3 5 12 9 6	
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3	5 3 1 14 13 16 17032 1 4 3	15 11 7 16 14 3 17024 1 8 5	10 9 8 14 15 15 17006 6 8 14	13 12 11 15 5 16 16999 4 16 7	7 15 6 16 4 8 16999 2 3 5	
9 3 14 16 5 5 17041 1 15 7 8 2 13 14 6 3 16998	$\begin{array}{c cccc} 5 & 3 & 1 \\ \hline 14 & 13 & 16 \\ \hline & 17032 \\ \hline & 1 & 4 & 3 \\ \hline 16 & 14 & 12 \\ \hline 8 & 7 & 10 \\ \hline \end{array}$	15 11 7 16 14 3 17024 1 8 5 3 16 12 10 7 14	$\begin{array}{c cccc} 10 & 9 & 8 \\ \hline 14 & 15 & 15 \\ \hline 17006 \\ \hline & 6 & 8 & 14 \\ \hline 6 & 15 & 7 \\ \hline 16 & 5 & 7 \\ \hline \end{array}$	13 12 11 15 5 16 16999 4 16 7 12 9 6 11 2 14	7   15   6   16   4   8   16999     2   3   5   12   9   6   13   15   16	8 4
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4	5     3     1       14     13     16       17032       1     4     3       16     14     12       8     7     10       16995	15 11 7 16 14 3 17024 1 8 5 3 16 12 10 7 14 16991	10     9     8       14     15     15       17006     6     8     14       6     15     7       16     5     7       16967	13 12 11 15 5 16 16999 4 16 7 12 9 6 11 2 14 16962	7 15 6 16 4 8 16999 2 3 5 12 9 6 13 15 16 16956	8 4 16 14
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8	$\begin{array}{ c c c c c }\hline 5 & 3 & 1 \\\hline 14 & 13 & 16 \\\hline & 17032 \\\hline \hline & 1 & 4 & 3 \\\hline 16 & 14 & 12 \\\hline & 8 & 7 & 10 \\\hline & 16995 \\\hline \hline 3 & 8 & 4 \\\hline 6 & 5 & 4 \\\hline 6 & 2 & 7 \\\hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccc} 10 & 9 & 8 \\ \hline 14 & 15 & 15 \\ \hline 17006 \\ \hline & 6 & 8 & 14 \\ \hline 6 & 15 & 7 \\ \hline 16 & 5 & 7 \\ \hline \hline & 16967 \\ \hline \hline 13 & 2 & 1 \\ \hline 11 & 10 & 7 \\ \hline 9 & 4 & 10 \\ \hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7 15 6 16 4 8 16999 2 3 5 12 9 6 13 15 16 16956 14 10 2 3 12 1 9 4 11	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8	5     3     1       14     13     16       17032     1     4     3       16     14     12       8     7     10       16995     3     8     4       6     5     4       6     2     7       16942	15     11     7       16     14     3       17024     1     8     5       3     16     12       10     7     14       16991     1     12       9     11     12       3     14     1       6     10     9     11       16934     1     1	10     9     8       14     15     15       17006     6     8     14       6     15     7       16     5     7       16967     7     7       11     10     7       9     4     10	13     12     11       15     5     16       16999       4     16     7       12     9     6       11     2     14       16962     11     13       16925     11	7   15   6   16999   16999   2   3   5   12   9   6   13   15   16   16956   14   10   3   12   9   4   11   16920   1	16 14
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8       16950       3     10     7	5     3     1       14     13     16       17032       1     4     3       16     14     12       8     7     10       16995       3     8     4     2       6     5     4     2       6     2     7     15       16942     4     9     7	15 11 7 16 14 3 17024 1 8 5 3 16 12 10 7 14 16991 3 14 1 6 10 12 9 11 3	10     9     8       14     15     15       17006     6     8     14       6     15     7       16     5     7       16967     7     7       11     10     7       9     4     10       6930     3     4     7	13     12     11       15     5     16       16999       4     16     7       12     9     6       11     2     14       16962       15     2     2       6     5     11       14     11     13       16925     2     6	7   15   6   16999	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998     2     9     4       7     5     3       6     1     8       16950       3     10     7       5     1     14	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15	10     9     8       14     15     15       17006     6     8     14       6     15     7       16     5     7       16967     7       11     10     7       9     4     10       6930     3     4     7       3     16     12	$\begin{array}{ c c c c c }\hline 13 & 12 & 11 \\ \hline 15 & 5 & 16 \\ \hline & 16999 \\ \hline & 4 & 16 & 7 \\ \hline 12 & 9 & 6 \\ \hline 11 & 2 & 14 \\ \hline & 16962 \\ \hline \hline 15 & 2 & 2 \\ \hline 6 & 5 & 11 \\ \hline 14 & 11 & 13 \\ \hline 16925 & & & \\ \hline & 2 & 2 & 6 \\ \hline 13 & 9 & 5 \\ \hline \end{array}$	7   15   6   16   4   8   16999   2   3   5   12   9   6   13   15   16   16956   14   10   2   3   12   9   4   11   16920   6   2   8   13   11   9	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8       16950       3     10     7       5     1     14       12     9     16	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15     11     7       16     14     3       17024       1     8     5       3     16     12       10     7     14       16991       3     14     1       6     10     12       9     11     1       16934     1       2     1     9       11     4     14       16     7     6	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{ c c c c c } \hline 7 & 15 & 6 \\ \hline 16 & 4 & 8 \\ \hline \hline 16999 \\ \hline & 2 & 3 & 5 \\ \hline 12 & 9 & 6 \\ \hline \hline 13 & 15 & 16 \\ \hline \hline 16956 \\ \hline \hline 14 & 10 & 2 \\ \hline 3 & 12 & 1 \\ \hline 9 & 4 & 11 \\ \hline \hline 16920 \\ \hline \hline & 6 & 2 & 8 \\ \hline \hline 13 & 11 & 9 \\ \hline \hline 14 & 3 & 16 \\ \hline \end{array} $	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8       16950       3     10     7       5     1     14       12     9     16       16910	$\begin{array}{ c c c c c }\hline 5 & 3 & 1 \\\hline 14 & 13 & 16 \\\hline & 17032 \\\hline \hline & 1 & 4 & 3 \\\hline 16 & 14 & 12 \\\hline & 8 & 7 & 10 \\\hline & 16995 \\\hline \hline 3 & 8 & 4 & 1 \\\hline 6 & 5 & 4 & 2 \\\hline 6 & 2 & 7 & 15 \\\hline \hline 16942 & & & \\\hline & 4 & 9 & 7 \\\hline & 4 & 1 & 15 \\\hline & 12 & 10 & 15 \\\hline & 16907 \\\hline \end{array}$	15	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	7   15   6   16   4   8   16999   2   3   5   12   9   6   13   15   16   16956   14   10   2   3   12   9   4   11   16920   6   2   8   13   11   9   14   3   16   16885   16885	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998     2     9     4       7     5     3     6     1       8     1     8       16950       3     10     7       5     1     14       12     9     16       16910     2     2     4	$\begin{array}{ c c c c c }\hline 5 & 3 & 1 \\ \hline 14 & 13 & 16 \\ \hline & 17032 \\ \hline & 1 & 4 & 3 \\ \hline 16 & 14 & 12 \\ \hline & 8 & 7 & 10 \\ \hline & 16995 \\ \hline \hline 3 & 8 & 4 & 1 \\ \hline 6 & 5 & 4 & 2 \\ \hline 6 & 2 & 7 & 15 \\ \hline 16942 \\ \hline & 4 & 9 & 7 \\ \hline & 4 & 1 & 15 \\ \hline & 12 & 10 & 15 \\ \hline & 16907 \\ \hline & 4 & 1 & 13 \\ \hline \end{array}$	15	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{ c c c c c } \hline 13 & 12 & 11 \\ \hline 15 & 5 & 16 \\ \hline \hline                               $	$ \begin{array}{ c c c c c } \hline 7 & 15 & 6 \\ \hline 16 & 4 & 8 \\ \hline \hline 16999 \\ \hline & 2 & 3 & 5 \\ \hline 12 & 9 & 6 \\ \hline \hline 13 & 15 & 16 \\ \hline \hline 16956 \\ \hline \hline 14 & 10 & 2 \\ \hline 3 & 12 & 1 \\ \hline 9 & 4 & 11 \\ \hline \hline 16920 \\ \hline \hline & 6 & 2 & 8 \\ \hline \hline 13 & 11 & 9 \\ \hline \hline 14 & 3 & 16 \\ \hline \hline & 16885 \\ \hline \hline & 5 & 2 & 7 \\ \hline \end{array} $	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8       16950       3     10     7       5     1     14       12     9     16       16910	$\begin{array}{ c c c c c }\hline 5 & 3 & 1 \\\hline 14 & 13 & 16 \\\hline & 17032 \\\hline \hline & 1 & 4 & 3 \\\hline 16 & 14 & 12 \\\hline & 8 & 7 & 10 \\\hline & 16995 \\\hline \hline 3 & 8 & 4 & 1 \\\hline 6 & 5 & 4 & 2 \\\hline 6 & 2 & 7 & 15 \\\hline \hline 16942 & & & \\\hline & 4 & 9 & 7 \\\hline & 4 & 1 & 15 \\\hline & 12 & 10 & 15 \\\hline & 16907 \\\hline \end{array}$	15	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	7   15   6   16   4   8   16999   2   3   5   12   9   6   13   15   16   16956   14   10   2   3   12   9   4   11   16920   6   2   8   13   11   9   14   3   16   16885   16885	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998     2     9     4       7     5     3     6     1     8       16950       3     10     7       5     1     14       12     9     16       16910       2     2     4       16     14     12	$\begin{array}{ c c c c c }\hline 5 & 3 & 1 \\\hline 14 & 13 & 16 \\\hline & 17032 \\\hline \hline & 1 & 4 & 3 \\\hline 16 & 14 & 12 \\\hline & 8 & 7 & 10 \\\hline & 16995 \\\hline \hline & 3 & 8 & 4 \\\hline 6 & 5 & 4 \\\hline 6 & 5 & 4 \\\hline 6 & 2 & 7 \\\hline & 15 \\\hline 16942 \\\hline \hline & 4 & 9 & 7 \\\hline & 4 & 1 & 15 \\\hline & 12 & 10 & 15 \\\hline & 16907 \\\hline \hline & 4 & 1 & 13 \\\hline & 15 & 6 & 14 \\\hline \end{array}$	15	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{ c c c c c } \hline 13 & 12 & 11 \\ \hline 15 & 5 & 16 \\ \hline \hline 16999 \\ \hline & 4 & 16 & 7 \\ \hline 12 & 9 & 6 \\ \hline 11 & 2 & 14 \\ \hline \hline 16962 \\ \hline \hline 15 & 2 & 2 \\ \hline 6 & 5 & 11 \\ \hline 14 & 11 & 13 \\ \hline \hline 16925 \\ \hline & 2 & 2 & 6 \\ \hline \hline 13 & 9 & 5 \\ \hline 12 & 16 & 16 \\ \hline \hline & 16887 \\ \hline \hline & 5 & 16 & 6 \\ \hline \hline & 10 & 9 & 8 \\ \hline \end{array} $	$ \begin{array}{ c c c c c } \hline 7 & 15 & 6 \\ \hline 16 & 4 & 8 \\ \hline \hline 16999 \\ \hline & 2 & 3 & 5 \\ \hline 12 & 9 & 6 \\ \hline 13 & 15 & 16 \\ \hline \hline 16956 \\ \hline \hline 14 & 10 & 2 \\ \hline 3 & 12 & 1 \\ \hline 9 & 4 & 11 \\ \hline \hline 16920 \\ \hline \hline & 6 & 2 & 8 \\ \hline 13 & 11 & 9 \\ \hline \hline 14 & 3 & 16 \\ \hline \hline & 16885 \\ \hline \hline & 5 & 2 & 7 \\ \hline & 1 & 16 & 14 \\ \hline \end{array} $	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998     2     9     4       7     5     3     6     1       8     16950       3     10     7       5     1     14       12     9     16       16910       2     2     4       16     14     12       7     9     9	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{ c c c c c } \hline 13 & 12 & 11 \\ \hline 15 & 5 & 16 \\ \hline \hline                               $	7   15   6   16   4   8   16999   2   3   5   12   9   6   13   15   16   16956   14   10   2   3   12   9   4   11   16920   6   2   8   13   11   9   14   3   16   16885   5   2   7   1   16   14   8   13   10	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998     2     9     4       7     5     3     6     1       8     10     7       5     1     14       12     9     16       16910       2     2     4       16     14     12       7     9     9       16883       10     1     11       14     13     12	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	15	10     9     8       14     15     15       17006     6     8     14       6     15     7       16     5     7       16967     7     10       13     2     1       11     10     7       9     4     10       16930     1     7       3     16     12       8     11     12       16892     3     11     6       4     1     15       13     8     16       16859       4     6     12       4     13     5	$ \begin{array}{ c c c c c c } \hline 13 & 12 & 11 \\ \hline 15 & 5 & 16 \\ \hline \hline                               $	7     15     6       16     4     8       16999       2     3     5       12     9     6       13     15     16       16956       14     10     2       3     12     1       9     4     11       16920       6     2     8       13     11     9       14     3     16       16885       5     2     7       1     16     14       8     13     10       16845       2     6     3       16     15     14	16 14 7 13
9     3     14       16     5     5       17041     1     15     7       8     2     13       14     6     3       16998       2     9     4       7     5     3       6     1     8       16950       3     10     7       5     1     14       12     9     16       16910       2     2     4       16     14     12       7     9     9       16883       10     1     11	$\begin{array}{ c c c c c }\hline 5 & 3 & 1 \\\hline 14 & 13 & 16 \\\hline & 17032 \\\hline \hline & 1 & 4 & 3 \\\hline & 16 & 14 & 12 \\\hline & 8 & 7 & 10 \\\hline & 16995 \\\hline \hline & 3 & 8 & 4 \\\hline & 6 & 5 & 4 \\\hline & 6 & 2 & 7 \\\hline & 15 \\\hline & 16942 \\\hline \hline & 4 & 9 & 7 \\\hline & 4 & 1 & 15 \\\hline & 12 & 10 & 15 \\\hline & 16907 \\\hline \hline & 4 & 1 & 13 \\\hline & 15 & 6 & 14 \\\hline & 16 & 11 & 8 \\\hline & 16881 \\\hline & 1 & 16 & 6 \\\hline \end{array}$	15	10     9     8       14     15     15       17006     6     8     14       6     15     7       16     5     7       16967     7     10       6930     7     10       6930     10     10       6930     10     10       6930     10     10       6930     10     10       16892     11     12       16892     11     15       13     8     16       16859     4     6     12	$ \begin{array}{ c c c c c c } \hline 13 & 12 & 11 \\ \hline 15 & 5 & 16 \\ \hline \hline                               $	7     15     6       16     4     8       16999       2     3     5       12     9     6       13     15     16       16956     14     10     2       3     12     1     11       16920     1     11       16885       5     2     7       1     16     14       8     13     10       16845       2     6     3	16 14 7 13

	3         9         8           6         1         13		4         1         8           14         10         6	3     16     8       14     9     4	8   13   9   11   10   9
12 1 13 16798	11 10 16 16795	15 4 16 16795	12 2 16 16789	10 2 15 16786	11 7 12 16786
1         16         2           13         12         11           5         8         6	$\begin{array}{c cccc} 1 & 2 & 4 \\ \hline 11 & 8 & 5 \\ \hline 12 & 14 & 15 \\ \end{array}$	$ \begin{array}{c cccc} 5 & 12 & 7 \\ \hline 10 & 8 & 6 \\ \hline 9 & 4 & 11 \end{array} $	7         4         9           3         1         16           10         15         12	2     8     9       2     12     5       15     16     5	$\begin{array}{c cccc} 1 & 4 & 13 \\ \hline 1 & 6 & 11 \\ \hline 16 & 8 & 11 \\ \end{array}$
16772	16771	16757	16756	16750	16746
3     11     14       9     15     4       16     2     10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccc} 3 & 12 & 5 \\ \hline 3 & 1 & 16 \\ \hline 14 & 7 & 16 \\ \end{array}$	3     14     12       13     4     12       13     11     5	$ \begin{array}{c cccc} 1 & 7 & 5 \\ 14 & 10 & 6 \\ \hline 15 & 13 & 2 \end{array} $	$\begin{array}{c cccc} 9 & 7 & 10 \\ \hline 4 & 3 & 2 \\ \hline 13 & 16 & 14 \\ \end{array}$
16745	16741	16731	16723	16715	16714
7 8 11 7 3 16	2 16 3 8 7 6	7 12 8 10 9 8	3 4 4 16 15 14	5 10 6 8 7 6	9 9 11 6 4 2
$ \begin{array}{c c c} 12 & 15 & 16 \\ \hline 16711 \end{array} $	$ \begin{array}{c c c c} 11 & 15 & 12 \\ \hline 16710 \end{array} $	16708	$ \begin{array}{c c c} 9 & 9 & 10 \\ \hline 16705 \end{array} $	$ \begin{array}{c c c} 8 & 4 & 9 \\ \hline 16699 \end{array} $	$ \begin{array}{c c c} 14 & 16 & 16 \\ \hline 16697 \end{array} $
8     6     9       3     2     1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1         11         10           5         13         4	1         8         2           16         15         14	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
12 15 13	13 16 4	16 15 8	11 5 12	15 15 16	7 16 9
16689	16689	16679	16677	16676	16675
4     10     6       3     1     16       13     9     15	4     12     5       8     7     6       9     2     10	2     4     15       3     7     11       16     10     12	3     15     11       12     4     13       14     10     5	7 8 8 3 2 1 13 13 14	$\begin{array}{c cccc} 3 & 8 & 9 \\ \hline 7 & 1 & 12 \\ \hline 10 & 11 & 16 \\ \end{array}$
16669	16667	16657	16656	16642	16640
3 7 12	1 4 6	11 6 12	2 7 7	1 14 8	6 11 7
$ \begin{array}{c ccccc} 5 & 13 & 4 \\ \hline 14 & 2 & 6 \end{array} $	$     \begin{array}{c cccc}         3 & 15 & 10 \\         \hline         7 & 9 & 12     \end{array} $	5 4 3 13 2 14	16     11     6       15     15     3	9 2 12 13 7 3	$     \begin{array}{c c c c c}     9 & 8 & 7 \\     \hline     9 & 5 & 10 \\     \hline     \end{array} $
16640	16640	$ \begin{array}{c c c} 13 & 2 & 14 \\ \hline 16639 \end{array} $	$ \begin{array}{c c c} 15 & 15 & 3 \\ \hline 16610 \end{array} $	16599	$ \begin{array}{c c c} 9 & 5 & 10 \\ \hline 16589 \end{array} $
3 1 4	2 8 12	1 5 15	7   14   9	2 7 5	4 8 13
15 14 13	6 13 3	4 7 10	12 10 8	2 16 13	6 14 5
7   10   8	$\begin{array}{ c c c c c }\hline 14 & 1 & 7 \\ \hline \end{array}$	16 9 13	11   6   13	10 8 13	15 3 7
16586	16582	16578	16573	16566	16564
2         3         3           15         14         13	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c } \hline 2 & 15 & 4 \\ \hline 9 & 7 & 5 \\ \hline \end{array}$	$\begin{array}{ c c c c c c } \hline 2 & 6 & 11 \\ \hline 4 & 12 & 3 \\ \hline \end{array}$	$\begin{array}{ c c c c c c } \hline 2 & 16 & 8 \\ \hline 9 & 3 & 14 \\ \hline \end{array}$	1 15 5 11 7 3
8 8 9	15 7 7	10 16 12	13 1 5	15 7 4	9 16 13
16547	16543	16543	16541	16509	16506
$\begin{array}{ c c c c c }\hline 2 & 4 & 5 \\ \hline \end{array}$	3 2 13	2   15   7	$\begin{array}{ c c c c c }\hline 2 & 3 & 6 \\ \hline \end{array}$	3   10   5	5   13   6
1 15 12	16 6 13	13 8 3	2 15 11	8 6 4	9 8 7
8 9 11	16 10 9	9 1 14	7 10 11	$\begin{bmatrix} 7 & 2 & 9 \end{bmatrix}$	10 3 11
$ \begin{array}{c c} 16503 \\ \hline 3 & 11 & 4 \end{array} $	$ \begin{array}{c c} 16502 \\ \hline 1 & 1 & 5 \end{array} $	$ \begin{array}{c c} 16498 \\ \hline 2 & 13 & 6 \end{array} $	$ \begin{array}{c c} 16498 \\ \hline 1 & 2 & 2 \end{array} $	$ \begin{array}{c c} 16473 \\ \hline 2 & 16 & 11 \end{array} $	$ \begin{array}{c c} 16470 \\ \hline 3 & 13 & 5 \end{array} $
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1 1 5 1 8 4	11 7 3	14 13 12	13 4 12	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
8 1 9	11 15 15	8 1 12	7 7 8	14 9 6	9 1 11
16441	16439	16437	16432	16430	16430
2 5 3	7 15 8	1 16 4	5 10 8	5 15 7	1 1 2
10 9 8	11 10 9	10 7 4	5 2 16	11 9 7	8 7 6
15   13   16   16427	$ \begin{array}{c c c} 12 & 5 & 13 \\ \hline 16417 \end{array} $	$ \begin{array}{c c c} 10 & 15 & 13 \\ \hline 16416 \end{array} $	13   11   16   16409	11   3   13	$ \begin{array}{c c c}  & 12 & 13 & 13 \\ \hline  & 16399 \end{array} $
10441	10411	10410	10409	10402	10000

$\begin{array}{c cccc} 3 & 14 & 7 \\ 12 & 8 & 4 \\ 9 & 2 & 13 \end{array}$	5         1         7           12         10         8           13         2         15	3         9         13           7         14         4           15         2         8	$ \begin{array}{c ccccc}  & 1 & 16 & 12 \\  & 15 & 4 & 10 \\  & 13 & 9 & 7 \end{array} $	4     8     8       5     1     14       11     11     15	6     6     8       3     1     16       11     13     13
$ \begin{array}{c cccc} 16393 \\ \hline 10 & 7 & 12 \\ \hline 6 & 4 & 2 \\ \hline 13 & 1 & 15 \\ \hline 16343 \end{array} $	$ \begin{array}{c cccc}  & 16386 \\ \hline  & 3 & 8 & 11 \\ \hline  & 4 & 13 & 5 \\ \hline  & 15 & 1 & 6 \\ \hline  & 16343 \\ \end{array} $	$ \begin{array}{c cccc}  & 16384 \\ \hline  & 3 & 12 & 6 \\ \hline  & 10 & 7 & 4 \\ \hline  & 8 & 2 & 11 \\ \hline  & 16342 \\ \end{array} $	$ \begin{array}{c cccc}  & 16354 \\ \hline  & 3 & 3 & 15 \\ \hline  & 2 & 7 & 12 \\ \hline  & 16 & 11 & 11 \\ \hline  & 16341 \\ \end{array} $	$ \begin{array}{c cccc}  & 16353 \\ \hline  & 4 & 15 & 5 \\  & 9 & 8 & 7 \\ \hline  & 11 & 1 & 12 \\ \hline  & 16315 \\ \end{array} $	$ \begin{array}{c cccc} 16348 \\ \hline 2 & 16 & 4 \\ \hline 15 & 13 & 11 \\ \hline 5 & 10 & 7 \\ \hline 16313 \end{array} $
$ \begin{array}{c cccc} 3 & 2 & 6 \\ 1 & 15 & 12 \\ \hline 7 & 11 & 10 \\ \hline 16311 \end{array} $	4     3     7       2     16     13       8     12     11       16309	8     8     10       5     3     1       13     15     15       16308	2   13   3   7   6   5   9   16   10   16307	$ \begin{array}{c cccc} 2 & 5 & 7 \\ 4 & 16 & 11 \\ 8 & 10 & 13 \\ \hline 16307 \end{array} $	2     2     3       9     8     7       13     14     14       16294
3         2         5           11         9         7           13         16         15	3     15     6       11     8     5       10     1     13       16285	1     13     4       9     6     3       8     16     11       16251	1     1     3       15     13     11       6     8     8       16246	4     9     5       7     6     5       7     3     8       16241	4     8     10       2     13     7       16     1     5   16237
1 2 9 12 4 13 16 6 7 16236	4     13     7       11     8     5       9     3     12       16220	1 10 11 6 13 3 15 16 8 16211	$ \begin{array}{c cccc} 2 & 4 & 10 \\ \hline 2 & 11 & 3 \\ \hline 12 & 1 & 3 \\ \hline 16206 \end{array} $	2 10 10 4 13 5 16 16 7 16202	3     16     10       11     4     14       15     9     5       16183
1 3 3 10 8 6 13 13 15 16157	1 8 4 13 10 7 16 12 2 16143	1 5 7 16 10 4 13 15 2 16137	1 5 5 2 15 11 8 8 12 16105	4     11     6       9     7     5       8     3     10   16098	2   11   5   9   6   3   7   1   10   16064
3 5 11 3 12 4 13 2 4 16062	1 9 2 5 4 3 6 16 7 15987	2 7 3 5 4 3 5 1 6 15930	4     2     7       13     10     7       13     1     16	4     7     11       3     13     6       15     2     5	12   1   12   14   14   16   10   16   9348
1     6     1       14     14     14       10     5     10       9283       13     16     13	5 15 5 14 14 14 6 13 6 9051	13   6   13   5   5   5   14   4   14   19   14   12	$ \begin{array}{c ccccc} 2 & 4 & 2 \\ \hline 14 & 14 & 14 \\ 9 & 7 & 9 \\ \hline 8997 \\ \hline 6 & 11 & 6 \end{array} $	$ \begin{array}{c cccc}                                 $	9     1     9       12     12     12       15     6     15       8989       14     7     14
13     16     13       14     14     14       15     12     15       8889       11     14     11	5     10     5       1     1     1       14     9     14       8871       6     1     6	10     14     12       14     12     10       12     10     14       8862       12     16     14	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccc}  & 6 & 15 & 6 \\ \hline  & 9 & 9 & 9 \\ \hline  & 12 & 3 & 12 \\ \hline  & 8826 \\ \hline  & 10 & 13 & 10 \\ \end{array} $	$ \begin{array}{ c c c c c } \hline  & 14 & 7 & 14 \\ \hline  & 6 & 6 & 6 \\ \hline  & 15 & 5 & 15 \\ \hline  & 8820 \\ \hline  & 12 & 15 & 12 \\ \hline \end{array} $
11 14 11 12 12 12 13 10 13 8805 1 13 1	$ \begin{array}{c cccc}  & 1 & 0 \\  & 10 & 10 & 10 \\ \hline  & 14 & 2 & 14 \\ \hline  & 8774 \\ \hline  & 11 & 7 & 11 \\ \hline \end{array} $	16 14 12 16 14 12 14 12 16 8771 1 14 1	6 14 5 14 5 6 8766	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 13 12 13 13 13 14 11 14 8734
1 13 1 5 5 5 9 14 9 8723	11	1 14 1 11 11 11 4 8 4 8699 1 1 10 14	12 8 12 5 5 5 5 15 2 15 8697 2 15 2	9 12 9 10 10 10 11 8 11 8678	8673 9 11 9
16 15 14 15 14 16 8672	16 16 16 14 3 14 8655	1     10     14       10     14     1       14     1     10       8650	12 12 12 12 12 12 5 9 5 8633	14 6 15 15 14 6 8622	9 11 9 4 4 4 16 14 16 8607

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8567	8552	8524	8520	8519	8514	
6 2 6	8 3 8	4 6 4	13 9 13	5   15   12	10   12   11	
16 16 16	12 12 12	16 16 16	6 6 6	12 5 15	12 11 10	
9 13 9	16 4 16	11 9 11	16 3 16	15 12 5	11 10 12	
8514	8489	8473	8472	8471	8470	
8   14   8	13   15   14	6 8 6	4 12 4	2   12   2	4 3 4	
10 10 10	15 14 13	1 1 1	1 1 1	11 11 11	15 15 15	]
12 6 12	14   13   15	13 11 13	15 7 15	3 10 3	9 10 9	
8468	8464	8450	8447	8447	8444	_
6 12 9	3 8 3	3 4 3	6 14 10	4   14   9	9 8 9	_
12 9 6	16   16   16	9 9 9	14 10 6	14 9 4	3 3 3	_
9 6 12	12 7 12	15   14   15	10 6 14		14   15   14	
8430	8428	8426	8420	8412	8404	٦
2     7     2       15     15     15	5 4 5 16 16 16	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6 16 6 15 15 15	6 12 6	-
11 6 11	16     16     16       10     11     10	$ \begin{array}{ c c c c c c } \hline 14 & 16 & 1 \\ \hline 16 & 1 & 14 \\ \hline \end{array} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		8 8 8 8 10 4 10	_
8404	8400	8390	8389	8378	8363	_
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16 8 16	13 3 13	14 5 1	16 12 16	5 12 5	13   12   14	
8361	8337	8336	8328	8326	8325	
$\begin{array}{ c c c c }\hline 4 & 7 & 14 \\ \hline \end{array}$	5 11 5	10 3 10	7   10   7	9   15   12	6 9 16	
7 14 4	7 7 7	2 2 2	8 8 8	15 12 9	9 16 6	
14 4 7	$\begin{array}{ c c c c c } 9 & 3 & 9 \end{array}$	11   1   11	$9 \mid 6 \mid 9$	12 9 15	16   6   9	
8284	8271	8265	8264	8264	8262	
1 16 1	4 11 16	4 10 4	4 7 4	8 11 8	7   12   7	
6 6 6	11 16 4	6 6 6	5 5 5	9 9 9	3 3 3	
8261	$ \begin{array}{c c c c c}  & 16 & 4 & 11 \\ \hline  & 8259 &  \end{array} $	$ \begin{array}{c c c} 8 & 2 & 8 \\ \hline 8256 \end{array} $	$ \begin{array}{c c c} 6 & 3 & 6 \\ \hline 8254 \end{array} $	8253	8251	
	$\frac{6239}{10 \mid 9 \mid 10}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c}  & 3294 \\ \hline  & 11 & 4 & 11 \\ \hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 5 & 4 \end{bmatrix}$ $\begin{bmatrix} 7 & 4 \end{bmatrix}$	6 7
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	15 16 15	15 6 2	12 2 12	5 4 6 16	15 16 12	13 12
8240	8233	8229	8222		8209	8205
$\begin{array}{ c c c c c }\hline 2 & 10 & 2 \\ \hline \end{array}$	3   16   3	2   12   9	3   14   9	7   13   7	1 11 1	
16 16 16	13 13 13	9 2 12	9 3 14	9 9 9	10 10 10	1
13 5 13	6 10 6	12 9 2	14 9 3	11 5 11	2 9 2	1
8199	8197	8187	8187	8180	8178	_
15 8 15	$\begin{array}{ c c c c c }\hline 2 & 11 & 2 \\ \hline \end{array}$	4 13 4	1 7 1	8 14 11	1 5 1	
7 7 7	5 5 5	7 7 7	3 3 3	14 11 8	8 8 8	
16   6   16	8 16 8	10   1   10	5 16 5	11 8 14	15   11   15	
8171	8168	8155	8154	8149	8148	
3 2 3	1 10 1	3 13 3	3 12 11	3 14 3	2 9 14	
14     14     14       8     9     8	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	12         12         12           4         11         4	11     3     12       12     11     3		9 14 2 9	
8144	8141	8141	8140	8131	8127	
0144	0141	0141	0140	0101	0141	

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8   16   12	4   14   11	10 2 10	8 10 8		1   12   15
16   12   8	11 4 14	13   13   13	3 3 3	6 6 6	12   15   1
12 8 16	14 11 4	16 7 16	15 13 15	7 4 7	15 1 12
8124	8114	8097	8095	8095	8095
8 7 8	$7 \mid 2 \mid 7$	3 4 12	3   15   3	1 6 12	1 9 5
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8093	8087	8081	8072	8068	8046
3   12   16	6 10 8	$\boxed{\begin{array}{c cccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 14 5
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8046	8039	8031	8027	8015	8011
5 16 11	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 13 6	8 4 8	6 16 11
11 5 16	8 8 8	13 13 13	6 1 13	1 1 1	16 11 6
8006	8002		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	7991	$\begin{array}{c c c} 11 & 6 & 16 \\ \hline 7986 \end{array}$
		7998			
4 12 8	1 10 9	2 5 2	11 13 12	4 8 6 3	5 3 4 9 15
12 8 4	9 1 10	3 3 3	13 12 11	8 6 4 15	15 15 9 15 4
8 4 12	10   9   1		12   11   13	6 4 8 10	
7984	7978	7978	7966	7957	7954 7950
3 15 9	5 1 5	9 11 10	9 13 11	6 7 15	3 8 14
15 9 3	15 15 15	11 10 9	13 11 9	7 15 6	8 14 3
9 3 15	8 12 8	10 9 11	11 9 13	15 6 7	14 3 8
7949	7946	7944	7944	7939	7935
2 14 8	1 15 4	5 13 9	1 11 6	3 9 6	7 15 11
14 8 2	4 1 15	13 9 5	11 6 1	9 6 3	15 11 7
8 2 14	15   4   1	9 5 13			11 7 15
7926	7916	7888	7875	7874	7871
8 12 10	2   16   5	8 10 9	7 11 9	5 10 16	7 16 7
12   10   8	5 2 16	10 9 8	11 9 7	10 16 5	10 10 10
10 8 12	16   5   2	9   8   10	9 7 11	16   5   10	13 4 13
7860	7855	7849	7841	7840	7834
3 7 5 4		1 4 11	2 1 2	1 12 7	4   13   12
7 5 3 10		4 11 1	13   13   13	7 1 12	12   4   13
	7   4   10	11 1 4	7 8 7	12 7 1	13   12   4
7827	7822	7821	7800	7799	7797
6 9 6 3		4   15   10	2 11 15	4   16   10	5   15   10
7 7 7 10		10 4 15	11   15   2	16   10   4	15   10   5
8 5 8 1	$3 \mid 10 \mid 3$	15   10   4	15   2   11	10   4   16	10   5   15
7774	7766	7765	7751	7746	7732
$\begin{array}{ c c c c c }\hline 2 & 5 & 12 \\ \hline \end{array}$	1   13   7	10 16 13		3 10 15	2   13   16
5 12 2	13 7 1	16   13   10	10 6 2	10 15 3	13 16 2
12 2 5	7 1 13			15 3 10	16 2 13
7724	7723	7694	7692	7688	7677
1 11 8	2 8 5	11   15   13	5 9 7 4	16 9 6	16   13   2   16   9
8 1 11	8 5 2	15   13   11	9 7 5 9	4 16 13	
11 8 1	5 2 8	13 11 15	7 5 9 16	9 4 16	13 6 9 2 16
7676	7666	7665	7650	7640	7620 7619

3     1     3       8     8     8       13     15     13       7602     7567		4     5     13       5     13     4       13     4     5       7517     7514
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
7         16         15           15         7         16           16         15         7           7460         7456	5     7     6       7     6     5       6     5     7       7450     7449         1     7     4       7     4     1       7     4     1       7     7     16	8     16       16     7       7     8       16     3       1     16       3     1       16     3       1     3       2     4       4     3       2     4       3     2       3     2       4     3       3     2       4     3       3     2       4     3       3     2       4     3       3     2       4     3       3     2       4     3       4     3       2     4       3     2       4     3       2     4       3     2       4     3       2     4       3     2       4     3       2     4       3     2       4     3       2     4       3     2       4     3       2     3       4     3       2     4       3     2       4     3 <td< td=""></td<>
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3     16     7     6     8     7       7     3     16     8     7     6       16     7     3     7     6     8       7414     7414	5     11     8     1     8     13       11     8     5     11     8     13     1       8     5     11     13     1     8       7390     7377
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6     6     6     6     10     10     10       6     6     6     6     10     10     10     15       1886     1874       4     4     4     5     5     5     2     2	5     15     15       5     15     15       9     9     9       9     9     9       1     1       1864     1821     1	1     1     1     16     16     16     11     11     11       1     1     1     16     16     16     11     11     11     11       818     1810     1801       13     13     13     7     7     7
4     4     4     4     4     2     2     2       4     4     4     4     5     5     5     5     2     2     2       1775     1763     167       3     13     4     1     4     8	8     8       8     8       8     8       8     8       8     8       8     8	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2     1     0       13     10     14       44     44       2     14     5       1     11     13	13     9     5       11     1     15       43     43       3     0     12       8     5     10
16     13     10       5     9     8       41     40	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	14     5     13       15     10     7       39     38       8     3     9       2     9     11
10     16     15     11     0     16       37     37	0     14     11       6     10     9       37     36       1     0     8       1     0     3	2     1     0       10     16     11       35     35       5     1     15       6     0     15
13     0     3     7     8     10     1       34     34       4     0     9     1     13     14	10     3     13       15     6     5       33     33       5     0     13       3     3       5     5	0     7     14       16     13     9       33     33       1     8     3       3     3       14     4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccc} 6 & 4 & 2 \\ \hline 5 & 0 & 7 \\ \hline 31 & & & & & & & & & & & & & & & & & & &$

3     16     5       10     8     6       11     0     13       31	8         0         11           15         12         9           13         7         16           31	9 0 10 13 12 11 14 7 15 31	3     9     10       3     13     6       16     0     6       31	2 0 8 15 9 3 10 1 16 30	$ \begin{array}{c cccc} 4 & 0 & 6 \\ 11 & 9 & 7 \\ 12 & 1 & 14 \\ \hline 30 & & & & \\ \end{array} $	
2     6     8       0     11     5       14     16     3	7 0 9 13 11 9 13 5 15 30	2     7     10       3     12     4       14     0     5       30	10     0     12       15     13     11       14     9     16	5         0         6           16         15         14           7         13         8           30	2     0     13       16     5     11       14     10     8       29	
1     7     11       5     12     2       13     0     6       29	1     1     13       0     5     10       14     9     9	2         0         5           11         8         5           11         16         14           28	$ \begin{array}{c cccc} 3 & 7 & 9 \\ 1 & 12 & 6 \\ \hline 15 & 0 & 4 \end{array} $	$ \begin{array}{c cccc} 6 & 7 & 7 \\ 2 & 1 & 0 \\ 12 & 12 & 13 \\ \hline 27 & & & & \\ \end{array} $	6     9     8       4     2     0       13     12     15	
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$\begin{array}{c cccc} 2 & 11 & 12 \\ \hline 7 & 14 & 4 \\ \hline 16 & 0 & 9 \\ \hline & 26 \\ \end{array}$	$ \begin{array}{c cccc} 4 & 5 & 5 \\ \hline 0 & 16 & 15 \\ \hline 10 & 10 & 11 \\ \hline 26 &   \end{array} $	$ \begin{array}{ c c c c c } \hline 2 & 12 & 4 \\ 8 & 6 & 4 \\ 8 & 0 & 10 \\ \hline 25 \\ \hline $	$\begin{array}{c cccc} 2 & 3 & 13 \\ \hline 0 & 6 & 12 \\ \hline 16 & 9 & 10 \\ \hline 25 \\ \end{array}$	$\begin{array}{c cccc} 4 & 1 & 6 \\ \hline 0 & 15 & 13 \\ \hline 7 & 12 & 9 \\ \hline & 25 \\ \end{array}$	$\begin{array}{c cccc} 2 & 9 & 3 \\ \hline 0 & 16 & 15 \\ \hline 12 & 6 & 13 \\ \hline 25 \\ \end{array}$	
5     11     7       4     2     0       14     10     16	$ \begin{array}{c cccc} 1 & 6 & 2 \\ 4 & 3 & 2 \\ \hline 4 & 0 & 5 \end{array} $	14 4 11	10 4 15	4     11     5       2     1     0       .4     8     15       23	5 3 1 10	12   5   6   2   0   11   23
1     16     7       14     8     2       9     0     15	3         0         4           9         8         7           12         16         13           23	$ \begin{array}{c ccccc}  & 6 & 0 & 10 \\ \hline  & 15 & 11 & 7 \\ \hline  & 12 & 5 & 16 \\ \hline  & 23 & & & \\ \end{array} $	$ \begin{array}{ c c c c c } \hline 3 & 8 & 8 \\ 0 & 12 & 7 \\ \hline 16 & 16 & 4 \\ \hline 23 \end{array} $	6     1     7       0     16     15       8     14     9	7 7 9 4 2 0 12 14 14 22	
$ \begin{array}{c cccc} 8 & 7 & 11 \\ 6 & 3 & 0 \\ \hline 12 & 16 & 15 \\ \hline 22 & & & & \\ \end{array} $	$ \begin{array}{c cccc} 1 & 10 & 4 \\ 8 & 5 & 2 \\ 6 & 0 & 9 \end{array} $	$\begin{array}{c cccc} 2 & 16 & 6 \\ 12 & 8 & 4 \\ \hline 10 & 0 & 14 \\ \hline 22 & & & & \\ \end{array}$	5 0 5 9 9 9 13 1 13 22	$ \begin{array}{c cccc} 1 & 5 & 10 \\ 3 & 11 & 2 \\ 12 & 0 & 4 \\ \hline 22 \end{array} $	$\begin{array}{c cccc} 1 & 9 & 12 \\ 7 & 13 & 2 \\ 14 & 0 & 8 \\ \hline 22 & & & & & \\ \end{array}$	
5     3     6       0     16     15       9     12     10	7         9         10           6         3         0           13         14         16	$ \begin{array}{c cccc} 2 & 0 & 3 \\ 14 & 13 & 12 \\ 6 & 9 & 7 \\ \hline 21 \\ \end{array} $	1     7     3       0     15     13       10     6     12       21	4     0     11       12     5     15       16     10     6       20	3     12     3       6     6     6       9     0     9	
1     14     6       12     7     2       8     0     13       20	3         0         5           16         14         12           6         11         8           20	9     2     9       1     1     1       10     0     10       19	3     1     6       12     9     6       12     0     15	5         0         8           13         10         7           12         3         15           19	2     5     4       0     15     13       9     8     11       19	
2     0     10       12     4     13       15     8     6	11     10     11       5     5     5       16     0     16	3     1     14       0     6     12       15     11     9       18	4     0     4       14     14     14       7     11     7       18	$ \begin{array}{c cccc} 1 & 8 & 7 \\ 0 & 11 & 5 \\ 15 & 14 & 4 \\ 17 \end{array} $	10     6     10       3     3     3       13     0     13	
9     8     12       7     4     1       13     0     16	4     3     6       12     10     8       14     0     16	3     7     4       0     16     15       11     8     12       16	5     3     5       10     10     10       15     0     15	$ \begin{array}{c cccc} 14 & 0 & 14 \\ \hline 15 & 15 & 15 \\ \hline 16 & 13 & 16 \\ \hline 15 & & & \\ \end{array} $	1     11     2       0     16     15       13     4     14       14	

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0         12         2           1         16         14           13         3         15	$ \begin{array}{c cccc} 0 & 11 & 3 \\ 2 & 16 & 13 \\ 12 & 4 & 15 \\ 0 & & & & \\ \end{array} $	0         9         5           4         16         11           10         6         15	0     8     6       5     16     10       9     7     15	0     7     7       6     16     9       8     8     15	