0 0 0 0 0 0 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 1 1

0 0 0 0 0 0 0 0 1 1

Count matrix

0 0 0 0 0 0 0 0 0 0

0 0 4 3 2 1 0 0 0 0

0 0 4 3 2 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

2 1 0 0 0 0 0 0 0 0

2 1 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 2 1

0 0 0 0 0 0 0 0 2 1

Mat matrix

0 0 0 0 0 0 0 0 0 0

0 0 2 2 2 2 0 0 0 0

0 0 1 1 1 1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

2 2 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 2 2

0 0 0 0 0 0 0 0 1 1

0 0 0 0 0 0 0 0 0 0

0 0 12 10 8 6 0 0 0 0

0 0 10 8 6 4 0 0 0 0

0 0 0 0 0 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

7 5 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 5 4

0 0 0 0 0 0 0 0 4 3

0 0 0 0 0 0 0 0 0 0

0 0 12 12 12 12 0 0 0 0

0 0 12 12 12 12 0 0 0 0

0 0 0 0 0 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

8 8 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 5 5

0 0 0 0 0 0 0 0 5 5

0 0 0 0 0 0 0 0 0 0

0 0 12 12 12 12 0 0 0 0

0 0 12 12 12 12 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 1 1

0 0 0 0 0 0 0 0 1 1

0 0 0 0 0 0 0 0 0 0

0 0 2 2 2 2 0 0 0 0

0 0 2 2 2 2 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

1 1 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 1 1

0 0 0 0 0 0 0 0 1 1

0 0 0 0 0 0 0 0 0 0

0 0 -1 -1 -1 -1 0 0 0 0

0 0 -1 -1 -1 -1 0 0 0 0

0 0 0 0 0 0 0 0 0 0

1 1 1 0 0 0 0 0 0 0

1 1 1 0 0 0 0 0 0 0

1 1 1 0 0 0 0 0 0 0

1 1 1 0 0 0 0 1 1 1

0 0 0 0 0 0 0 1 1 1

0 0 0 0 0 0 0 1 1 1