PATHS(no source code limit)

Problem Statement:

Consider a square matrix of order m(m rows and m columns).

At each step you can move one step to the right or one step to the top.

How many possibilities are there to reach (m,m) from (0,0)?

Input:

The first line consists of an integer t, the number of testcases. Each testcase consists of a single integer m, the order of square matrix.

Output:

For each case print the number of possibilities of reaching the point (m,m) from (0,0)

Input Constraints:

1<=t<=10

1<=m<=14

Example:

Sample Input:

3

1

2

3

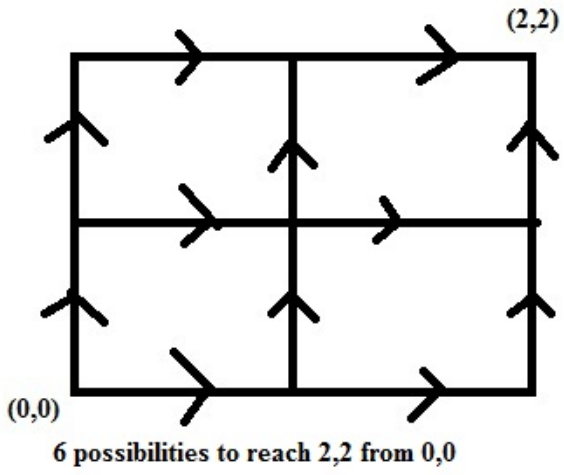
Sample Output:

2

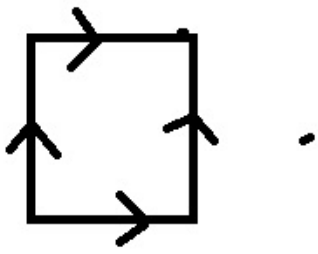
6

20

Explanation of test case #2:



6 possibilities to reach 2,2 from 0,0



2 possibilities to reach 1,1 from 0,0

There are 6 possible ways of reaching (2,2) from (0,0)