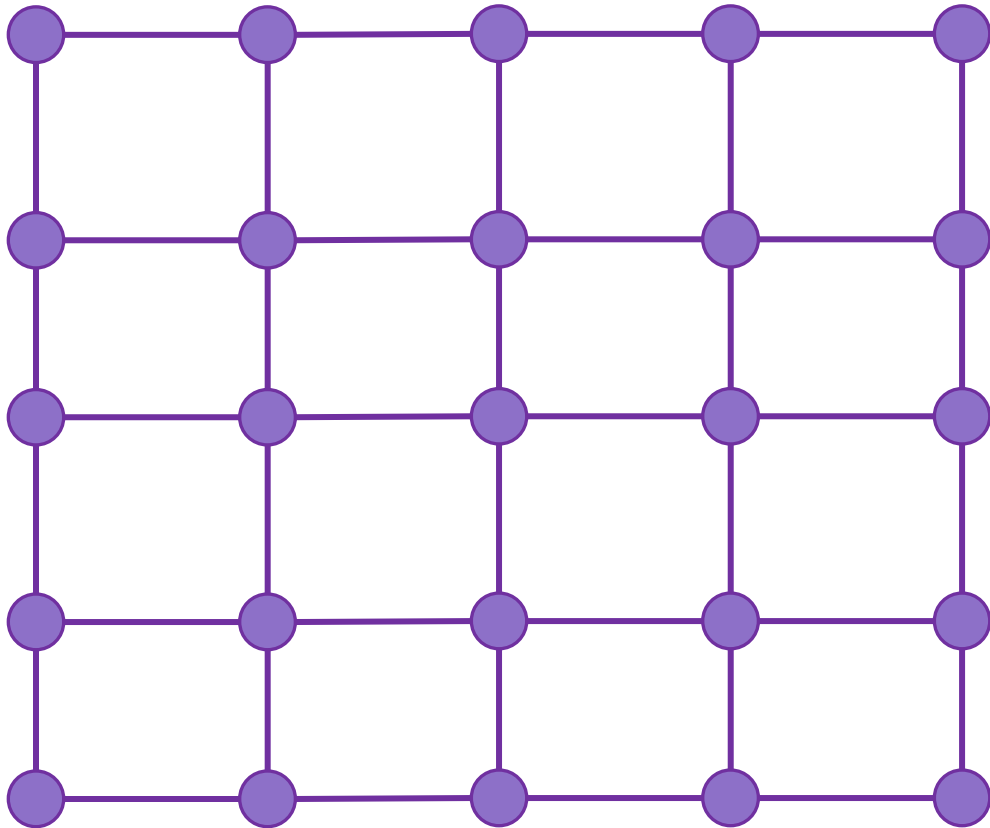# Path Counting

We are in the lower left corner and want to get to the upper right corner.

Only moves allowed are up and right.

How many paths lead to our destination?

A. 2^8

B. $P(8,4)$

C. $\binom{8}{4}$

D. Something else