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

Fill out the Poll Everywhere for Kushal to adjust his explanation
Go to pollev.com/cse312su21