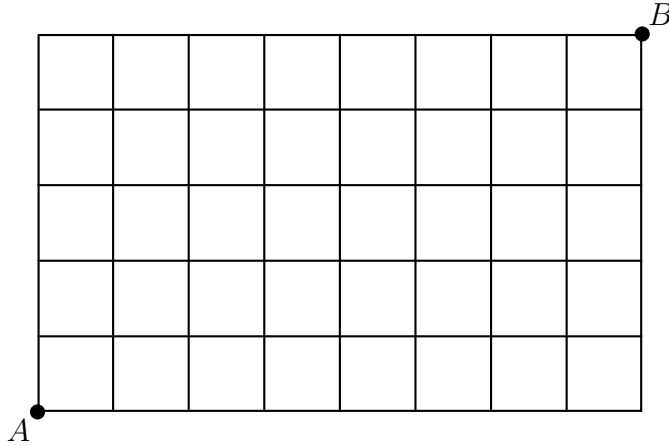


PROBLEM SOLVING STRATEGIES
State and Solve a Simpler Problem

If one must always move upward or to the right on the grid below, how many paths are there from A to B .



A) A plastic container holds $1\frac{3}{4}$ gallons. How many gallons does it contain when it is $\frac{3}{4}$ full of a cleaning chemical?

B) The weight of a cubic foot of sandstone rock is approximately $2\frac{13}{20}$ the weight of a cubic foot of water. If a cubic foot of water weighs approximately $62\frac{1}{2}$ pounds, and a sandstone rock contains 5800 cubic feet, what is the approximate weight of the rock?