Check

Five geometry students are asked to randomly choose a polygon and describe its properties. What is the probability that the first three students choose the hexagon, the pentagon, and the triangle, in that order?

Step1: find the number of possible outcomes

5! = 5 X X 3 X X =

Step2: find the number of favorable outcomes

1 X 1 X 1 x x =

Step3: calculate the probability

Probability = ——— = ———

LIVEWORKSHEETS