There are 20 numbered cards 1 to 20 that need to be taped to the wall in random order. What is the probability that the first 8 taped to the wall are 1 to 8 in order from least to greatest?

Drag and drop your answer to correctly complete the sentence.

The probability is [_____] .

$\dfrac{1}{95,040}$	$\dfrac{1}{6,094,932,480}$	$\dfrac{1}{11,880}$	$\dfrac{1}{5,079,110,400}$

There are 15 different sized plants that will be planted in random order. What is the probability that the first 9 plants smallest in size are planted in order from smallest to greatest?

○ $\dfrac{1}{504}$

○ $\dfrac{1}{3,603,600}$

○ $\dfrac{1}{18,116,214,400}$

○ $\dfrac{1}{9,081,072,000}$

Fatima is placing 14 markers in a row on her desk in random order. What is probability that the first 4 colors she places are in the order of green, yellow, purple, and then orange?

○ $\dfrac{1}{151,200}$

○ $\dfrac{1}{240,240}$

○ $\dfrac{1}{3,632,428,800}$

○ $\dfrac{1}{24,024}$