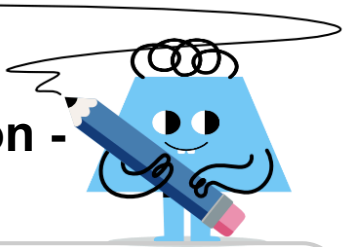
Name



Probability Permutation or Combination - Formula to Scenario

1 Select the situation that matches this formula. $_nP_r = \frac{n!}{(n-r)!}$	2 Select the situation that matches this formula. $_nC_r = \frac{n!}{r!\,(n-r)!}$
A From 4 different books, 3 are arranged in a row on a shelf. How many arrangements are possible?	A A 2-character password is made from 3 distinct letters with no repeats. How many passwords are possible?
B From 4 members, 3 delegates are selected to attend a conference. How many selections are possible?	B From a roster of 3 players, a group of 2 starting players is chosen. How many groups are possible?