Permutation

How many different ways can you arrange the letters in M I S S I S S I P P I ?

Permutation

A cup contains 3 blue marbles, 2 red marbles, 4 green marbles, and 1 purple marbles. If you lined up the marbles in a row, how many different arrangements can be made?

Permutation

How many ways can you hang 3 blue flags, 3 red flags, and 2 green flags?