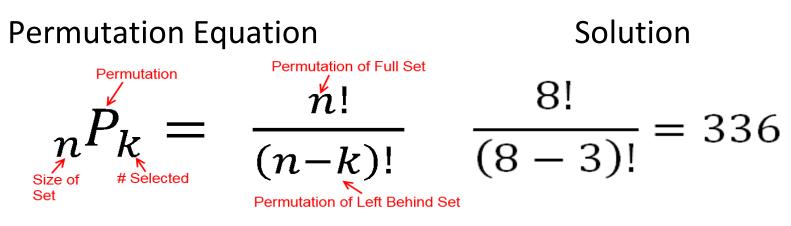
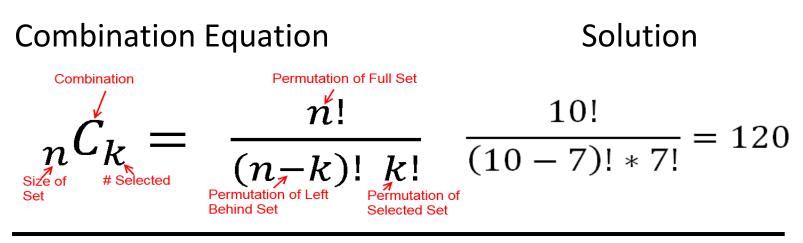
Use Permutations when the order matters: Example - 8 people are in a track meet. How many different ways can they place 1st, 2nd, and 3rd



Use Combinations when the order does not matter: Example - You have 10 items of clothing, but can only pack 7 in a suitcase. How many different combinations of clothes can you take?



Or : Start with the permutation of all the items, and divide by the permutations of any groups you don't care about the order of. Example - You have 14 people and you need to break them into 3 teams of 4 people, with 2 left over to spectate

