

Forming Committees From A Group Of People:

A. When dealing with committees, we will always be using combinations.

1. The reason we are always using combinations is because a committee is composed of people, and it is the same committee even if you change the order of the people chosen. So order does matter.

Ex [1] How many 3-member committees can be formed from a group of 6 people?

- a. The answer is $C(6,3) = 20$.

Ex [2] How many 2-member committees can be formed from a group of 10 people?

- a. The answer is $C(10,2) = 45$.