**Counting Methods combined**

**Read carefully and solve.**

1. Pokey has 8 different beanie babies.  How many different ways can he arrange them in a row on a bookshelf?

2. If there are 9 students, how many ways can you line up any five of them?

3. Fetcher has a collection of 15 CDs.  He plans to play 4 of them while he does his yard work.  How many different ways can he play four of his CDs.

4. Dexter has 6 bowling trophies.  How many ways cab he arrange 4 of the trophies on the fireplace's mantle?

5. Jordan has 8 friends that he sees every day.  How many combinations of 3 of his friends can he invite to go to the movies?

6. In the school cafeteria, Brent can chose 1 out of 4 main courses, 1 out of 3 vegetables, 1 out of 2 desserts, and 1 out of 4 drinks. How many lunch combinations does Brent have?

7. Daisy has 6 stuffed animals in a row on a shelf in her room. How many ways can she arrange the stuffed animals in a row on her shelf?

8. Hawk has 5 hats, 6 shirts, 7 pairs of shorts. Choosing one of each, how many different clothes combination can he make?

9. The Silver Rush restaurant offers 3 kinds of steaks, 3 types of potatoes and 4 types of vegetables. If you chose one food from each category, from how many combinations would have to choose?

10. How many pairs of players can Coach Austin choose to be team captains if she has 12 players on her team?