1. Evaluate each:

a) $_5C_3$ b) $_4C_4$ c) $_7C_2 * _6C_2$ d) $_9C_1$

2. Two students are selected from a group of 100 to be prom committee members.

3. Three cheerleaders are selected from a squad of 9 to host parent night.

4. In how many ways can two cards can be drawn from a deck of 52 cards?

5. In how many ways can a coach choose 11 players out of 18 to form a flag football team?

6. The coach chooses 5 out of the remaining 7 for a basketball team. How many combinations of players can be formed?

7. How many 5-card draw poker hands can be formed from a standard deck of 52 cards?

8. A woman ordering dinner has a choice of one meat dish from four, four vegetables from seven, one salad from three, and two desserts from four. How many different menus are possible?