Name: _____

**Solve each problem.**

**1)** Victor was buying chips and dip for his party. The choices he has are listed below.

| Chips | Dip |
|-------|------|
| Triangle | Cheese |
| Scoop | Onion |
| Square | Salsa |
| | Bean |
| | Ranch |

If he gets one type of chip and one type of dip, how many different combinations can he choose from?

**2)** Haley was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

| Candy | Drink |
|-------|-------|
| Jelly Beans | Punch |
| Toffee | Juice |

How many different combinations could she make?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

**3)** At Tom's Pizza Palace you can order one type of pizza and one drink for $9. Their menu is shown below.

| Pizza | Drink |
|-------|-------|
| Cheese | Punch |
| Pepperoni | Water |
| | Milk |

How many different combinations of pizza and drink do you have to choose from?

**4)** Debby was trying to decide which salad to order for lunch.

| Salad | Dressing |
|-------|----------|
| Vegetable | Ranch |
| Ham | Ginger |
| Fruit | French |
| Chef | |
| Caesar | |

If each salad comes with 1 dressing, how many different combinations does she have to choose from?

**5)** A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

| Cake | Icing | Sprinkles |
|------|-------|-----------|
| Chocolate | Yellow | Red |
| Vanilla | Red | White |
| Marble | Green | |
| Lemon | White | |
| Strawberry | | |

How many different combinations can you choose from?

**6)** At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

| Name | Color | Mascot |
|------|-------|--------|
| Epsilon | White | Hornet |
| Alpha | Pink | Lion |
| Delta | Blue | |
| | Black | |
| | Red | |

How many different combinations are there to choose from?

**Answer Key**

**Solve each problem.**

**1)** Victor was buying chips and dip for his party. The choices he has are listed below.

| Chips | Dip |
|-------|-----|
| Triangle Scoop Square | Cheese Onion Salsa Bean Ranch |

If he gets one type of chip and one type of dip, how many different combinations can he choose from?

**2)** Haley was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

| Candy | Drink |
|-------|-------|
| Jelly Beans Toffee | Punch Juice |

How many different combinations could she make?

1. ___**15**___

2. ___**4**___

3. ___**6**___

4. ___**15**___

5. ___**40**___

6. ___**30**___

**3)** At Tom's Pizza Palace you can order one type of pizza and one drink for $9. Their menu is shown below.

| Pizza | Drink |
|-------|-------|
| Cheese Pepperoni | Punch Water Milk |

How many different combinations of pizza and drink do you have to choose from?

**4)** Debby was trying to decide which salad to order for lunch.

| Salad | Dressing |
|-------|----------|
| Vegetable Ham Fruit Chef Caesar | Ranch Ginger French |

If each salad comes with 1 dressing, how many different combinations does she have to choose from?

**5)** A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

| Cake | Icing | Sprinkles |
|------|-------|-----------|
| Chocolate Vanilla Marble Lemon Strawberry | Yellow Red Green White | Red White |

How many different combinations can you choose from?

**6)** At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

| Name | Color | Mascot |
|------|-------|--------|
| Epsilon Alpha Delta | White Pink Blue Black Red | Hornet Lion |

How many different combinations are there to choose from?

**Math**    www.CommonCoreSheets.com