

**Solve each problem.**

- 1) Bianca was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

| Candy       | Drink    |
|-------------|----------|
| Toffee      | Kool-Aid |
| Nerds       | Punch    |
| Chocolate   | Lemonade |
| Jelly Beans | Soda     |
|             | Juice    |

How many different combinations could she make?

- 2) At Luke's Pizza Palace you can order one type of pizza and one drink for \$9. Their menu is shown below.

| Pizza     | Drink |
|-----------|-------|
| Sausage   | Soda  |
| Anchovies | Punch |
| Cheese    | Water |
|           | Milk  |

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

- 3) Jerry was buying chips and dip for his party. The choices he has are listed below.

| Chips    | Dip    |
|----------|--------|
| Triangle | Cheese |
| Scoop    | Ranch  |
| Oval     |        |
| Round    |        |
| Square   |        |

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

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

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

How many different combinations can you choose from?

- 5) Janet was creating a card for her friend. She can use one paper color and one sticker from the selection below.

| Paper  | Sticker   |
|--------|-----------|
| Red    | Thumbs up |
| Yellow | Star      |
|        | Heart     |

How many different combinations could she make?

- 6) John was trying to decide what to wear for his first day of school. The clothes in his closet are listed below.

| Shirt Color | Bottom |
|-------------|--------|
| Orange      | Pants  |
| Green       | Kilt   |
| Yellow      |        |
| Blue        |        |
| White       |        |

How many different outfits choices does he have?

**Answers**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

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How many different outfits choices does he have?

**Answers**

1. **20**
2. **12**
3. **10**
4. **24**
5. **6**
6. **10**