



Solve each problem.

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

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

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

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

| Name | Color | Mascot |
|-------|-------|--------|
| Delta | Pink | Eagle |
| Beta | Blue | Hornet |
| | Black | |
| | White | |

How many different combinations are there to choose from?

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

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

How many different outfits choices does he have?

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

| Candy | Drink |
|-------------|----------|
| Nerds | Soda |
| Chocolate | Lemonade |
| Jelly Beans | Juice |
| Toffee | |
| Taffy | |

How many different combinations could she make?

- 4) A video game lets you choose a characters hair style, hair color and their class. Their choices are listed below.

| Hair Style | Hair Color | Class |
|------------|------------|-------|
| Short | Green | Mage |
| Long | Red | Monk |
| Spiky | Brown | |
| | Blonde | |

How many different combinations do you have to choose from?

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

| Cake | Icing | Sprinkles |
|------------|--------|-----------|
| Strawberry | Purple | White |
| Marble | White | Purple |
| Vanilla | | |
| Ice Cream | | |
| Lemon | | |

How many different combinations can you choose from?

Answers

- _____
- _____
- _____
- _____
- _____
- _____



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Answers

1. **20**
2. **15**
3. **16**
4. **24**
5. **10**
6. **20**