



Solve each problem.

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

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

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

- 2) At a football game Cameron was allowed to get one type of food and one type of drink. The menu is shown below.

| Food      | Drink |
|-----------|-------|
| Pizza     | Soda  |
| Hotdog    | Punch |
| Hamburger | Milk  |
|           | Water |
|           | Juice |

How many different combinations does he have to choose from?

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

| Paper  | Sticker   |
|--------|-----------|
| Orange | Smile     |
| Red    | Heart     |
| Blue   | Thumbs up |
| Yellow | Star      |
|        | Balloon   |

How many different combinations could she make?

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

| Pizza     | Drink |
|-----------|-------|
| Anchovies | Milk  |
| Cheese    | Punch |
| Pepperoni | Soda  |

How many different combinations of pizza and drink do you 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 | Pink   | White     |
| Marble    | Purple | Rainbow   |
| Lemon     |        | Red       |
|           |        | Pink      |
|           |        | Purple    |

How many different combinations can you choose from?

- 6) 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  |
|------------|------------|--------|
| Long       | Black      | Monk   |
| Mowhawk    | Red        | Wizard |
| Curly      | Blonde     | Mage   |
| Short      |            | Archer |

How many different combinations do you have to choose from?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



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Answers

1. 20
2. 15
3. 20
4. 9
5. 30
6. 48