



Solve each problem.

- 1) A video game lets you choose a character's hair style, hair color and their class. Their choices are listed below.

| Hair Style | Hair Color | Class |
|------------|------------|---------|
| Spiky | Red | Warrior |
| Long | Brown | Archer |
| Short | Black | Wizard |
| | Blonde | Monk |
| | | Mage |

How many different combinations do you have to 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 | Punch |
| Burrito | Juice |
| Hotdog | |
| Hamburger | |
| Nachos | |

How many different combinations does he have to choose from?

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

| Shirt Color | Bottom |
|-------------|--------|
| Yellow | Capri |
| Orange | Pants |
| Green | Shorts |
| | Khaki |

How many different outfits choices does he have?

- 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 | Pink | Rainbow |
| Strawberry | Red | Pink |
| Ice Cream | Yellow | Red |
| | | White |

How many different combinations can you choose from?

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

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

How many different combinations could she make?

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

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

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

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____



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|----------|--------|
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| Triangle | Bean |
| Oval | Cheese |
| Square | Salsa |
| | Onion |

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

Answers

1. 60
2. 10
3. 12
4. 36
5. 12
6. 20