

**Solve each problem.**

- 1) 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
Burrito	Milk
Pizza	Punch
Hotdog	Soda
	Water

How many different combinations does he have to choose from?

- 2) Billy 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	Shorts
Green	Kilt
Yellow	
White	
Blue	

How many different outfits choices does he have?

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

Pizza	Drink
Cheese	Punch
Sausage	Milk
	Water
	Juice
	Soda

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

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

Candy	Drink
Jelly Beans	Soda
Nerds	Lemonade
Toffee	
Chocolate	

How many different combinations could she make?

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

Chips	Dip
Oval	Cheese
Scoop	Salsa
	Onion

If he gets one type of chip and one type of dip, how many different combinations can he 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	Blonde	Monk
Short	Green	Thief
Spiky		Warrior
Curly		Wizard
		Archer

How many different combinations do you have to choose from?

**Answers**

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



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**Answers**

1. **12**
2. **10**
3. **10**
4. **8**
5. **6**
6. **40**