

**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
Hamburger	Soda
Hotdog	Water
Pizza	
Burrito	

How many different combinations does he have to choose from?

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

Chips	Dip
Triangle	Cheese
Round	Bean
Scoop	
Oval	
Square	

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

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

Pizza	Drink
Pepperoni	Soda
Bacon	Water

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

- 4) Janet was trying to decide which salad to order for lunch.

Salad	Dressing
Fruit	Ranch
Vegetable	Vinaigrette
Ham	

If each salad comes with 1 dressing, how many different combinations does she have to choose from?

- 5) 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
Short	Black	Thief
Long	Blonde	Archer
	Green	Mage
	Brown	Warrior

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
Ice Cream	Yellow	Green
Chocolate	Green	White
Vanilla	White	Purple
	Pink	
	Red	

How many different combinations can you choose from?

**Answers**

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

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**Answers**

1. **8**
2. **10**
3. **4**
4. **6**
5. **32**
6. **45**