

**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
Nachos	Punch
Hotdog	
Hamburger	
Pizza	

How many different combinations does he have to choose from?

- 2) 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
Mowhawk	Red	Mage
Spiky	Brown	Thief
	Green	
	Black	

How many different combinations do you have to choose from?

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

Cake	Icing	Sprinkles
Chocolate	Green	White
Ice Cream	Yellow	Yellow

How many different combinations can you choose from?

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

Pizza	Drink
Cheese	Milk
Sausage	Punch
Bacon	
Anchovies	
Pepperoni	

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

- 5) Will 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	Khaki
Green	Kilt
Blue	
White	

How many different outfits choices does he have?

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

Paper	Sticker
Blue	Heart
Yellow	Smile
Orange	Star
Red	

How many different combinations could she make?

**Answers**

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



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**Answers**

1. **10**
2. **16**
3. **8**
4. **10**
5. **8**
6. **12**