

**Solve each problem.**

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

Paper	Sticker
Red	Smile
Orange	Balloon
	Thumbs up
	Heart
	Star

How many different combinations could she make?

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

Chips	Dip
Scoop	Ranch
Triangle	Salsa
Round	Bean
Square	Cheese

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

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

Candy	Drink
Taffy	Punch
Jelly Beans	Soda
Chocolate	Juice
	Lemonade

How many different combinations could she make?

- 4) 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
Short	Black	Warrior
Spiky	Blonde	Mage
Mowhawk	Blue	
Long		
Curly		

How many different combinations 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
Vanilla	Green	Red
Strawberry	Yellow	Purple
Ice Cream	White	Rainbow
Marble	Red	Green
Lemon	Purple	White

How many different combinations can you choose from?

- 6) 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	Milk
Burrito	Juice
	Punch
	Soda

How many different combinations does he have to choose from?

Answers

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



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Answers

1. **10**
2. **16**
3. **12**
4. **30**
5. **125**
6. **8**