

**Solve each problem.**

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

Paper	Sticker
Red	Balloon
Blue	Thumbs up
Yellow	Smile
	Star
	Heart

How many different combinations could she make?

- 2) Lana was trying to decide which salad to order for lunch.

Salad	Dressing
Vegetable	French
Caesar	Italian

If each salad comes with 1 dressing, how many different combinations does she 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
Marble	Red	Pink
Strawberry	Green	Green
	Purple	White
		Rainbow
		Yellow

How many different combinations can you choose from?

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

Pizza	Drink
Bacon	Juice
Anchovies	Milk
	Water
	Punch

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

- 5) 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	Water
Burrito	Juice
Hamburger	
Nachos	
Hotdog	

How many different combinations does he have to 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
Spiky	Black	Archer
Curly	Blue	Mage
	Brown	
	Red	

How many different combinations do you have to choose from?

Answers

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



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Answers

1. **15**
2. **4**
3. **30**
4. **8**
5. **10**
6. **16**