

**Solve each problem.**

- 1) Emily was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Italian
Vegetable	Ginger
Chef	Vinaigrette
Caesar	Ranch
	French

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

- 3) At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

Name	Color	Mascot
Gamma	Pink	Pig
Beta	Blue	Shark
Epsilon		Hawk
		Wolf
		Eagle

How many different combinations are there to choose from?

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

Paper	Sticker
Orange	Star
Blue	Heart
Yellow	Smile
Red	
Green	

How many different combinations could she make?

- 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	Brown	Mage
Long	Green	Warrior
Spiky	Red	Thief
Curly	Blue	
	Black	

How many different combinations do you have to choose from?

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

Pizza	Drink
Sausage	Juice
Pepperoni	Punch

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

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

Candy	Drink
Chocolate	Kool-Aid
Jelly Beans	Juice
Toffee	
Taffy	
Nerds	

How many different combinations could she make?

Answers

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



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Answers

1. **20**
2. **60**
3. **30**
4. **4**
5. **15**
6. **10**