

**Solve each problem.**

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

Candy	Drink
Jelly Beans	Kool-Aid
Taffy	Punch
Toffee	Juice
	Lemonade
	Soda

How many different combinations could she make?

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

Pizza	Drink
Bacon	Juice
Sausage	Punch
Pepperoni	
Cheese	
Anchovies	

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

- 3) 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
Curly	Green	Monk
Spiky	Blonde	Archer
	Blue	Warrior
	Black	Mage
	Brown	

How many different combinations do you have to choose from?

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

Name	Color	Mascot
Alpha	Yellow	Shark
Beta	Blue	Eagle
		Pig

How many different combinations are there to choose from?

- 5) Bianca was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	French
Vegetable	Italian
Chef	

If each salad comes with 1 dressing, how many different combinations does she have to 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
Burrito	Soda
Pizza	Water
Hotdog	
Nachos	

How many different combinations does he have to choose from?

**Answers**

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



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**Answers**

1. **15**
2. **10**
3. **40**
4. **12**
5. **6**
6. **8**