

**Solve each problem.****Answers**

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

Name	Color	Mascot
Gamma	Red	Eagle
Delta	Blue	Hawk
Epsilon	Yellow	Hornet
Alpha	Pink	
Beta	Black	

How many different combinations are there to choose from?

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

Salad	Dressing
Ham	Ginger
Fruit	Italian
	Vinaigrette
	French

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
Lemon	Pink	Green
Ice Cream	Red	Rainbow
		Pink

How many different combinations can you choose from?

- 4) 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
Nachos	Juice

How many different combinations does he have to choose from?

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

Paper	Sticker
Red	Heart
Orange	Balloon
Green	
Blue	
Yellow	

How many different combinations could she make?

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

Pizza	Drink
Sausage	Soda
Anchovies	Punch

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

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



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**Answers**

1. **75**
2. **8**
3. **12**
4. **4**
5. **10**
6. **4**