

**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
Epsilon	Pink	Wolf
Alpha	Red	Pig
Gamma	Blue	
Beta		
Delta		

How many different combinations are there to choose from?

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

Paper	Sticker
Green	Smile
Yellow	Star
Orange	Thumbs up
	Balloon
	Heart

How many different combinations could she make?

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

- 3) Gwen was trying to decide which salad to order for lunch.

Salad	Dressing
Vegetable	Italian
Ham	Ginger
Chef	Ranch
Caesar	French

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

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

Pizza	Drink
Anchovies	Soda
Cheese	Punch
Pepperoni	Juice

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
Burrito	Punch
Hotdog	Soda
Pizza	Milk
Hamburger	
Nachos	

How many different combinations does he have to choose from?

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

Chips	Dip
Oval	Ranch
Square	Cheese
Scoop	Onion
Round	Bean
	Salsa

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



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Answers

1. **30**
2. **15**
3. **16**
4. **9**
5. **15**
6. **20**