



Solve each problem.

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

Paper	Sticker
Orange	Smile
Red	Star
	Heart
	Thumbs up
	Balloon

How many different combinations could she make?

- 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
Short	Black	Wizard
Mowhawk	Red	Mage
Curly		
Spiky		
Long		

How many different combinations do you have to choose from?

- 5) A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

Cake	Icing	Sprinkles
Lemon	Yellow	Pink
Chocolate	Red	Red
Strawberry		Green
Ice Cream		White
		Purple

How many different combinations can you choose from?

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

Salad	Dressing
Ham	Ranch
Vegetable	French
Fruit	Ginger
	Italian

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

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

Pizza	Drink
Anchovies	Punch
Sausage	Water
Pepperoni	
Cheese	

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

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

Name	Color	Mascot
Gamma	Blue	Pig
Alpha	Black	Lion
	Red	Wolf
	Pink	Shark
	White	

How many different combinations are there to choose from?

**Answers**

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



Solve each problem.

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

Paper	Sticker
Orange	Smile
Red	Star
	Heart
	Thumbs up
	Balloon

How many different combinations could she make?

- 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
Short	Black	Wizard
Mowhawk	Red	Mage
Curly		
Spiky		
Long		

How many different combinations do you have to choose from?

- 5) A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

Cake	Icing	Sprinkles
Lemon	Yellow	Pink
Chocolate	Red	Red
Strawberry		Green
Ice Cream		White
		Purple

How many different combinations can you choose from?

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

Salad	Dressing
Ham	Ranch
Vegetable	French
Fruit	Ginger
	Italian

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

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

Pizza	Drink
Anchovies	Punch
Sausage	Water
Pepperoni	
Cheese	

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

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

Name	Color	Mascot
Gamma	Blue	Pig
Alpha	Black	Lion
	Red	Wolf
	Pink	Shark
	White	

How many different combinations are there to choose from?

**Answers**

1. 10
2. 12
3. 20
4. 8
5. 40
6. 40