



Solve each problem.

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

Chips	Dip
Scoop	Ranch
Square	Cheese
Triangle	Salsa
Round	Onion
Oval	

If he gets one type of chip and one type of dip, how many different combinations can he 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
Delta	Pink	Eagle
Beta	Blue	Hornet
	Black	
	White	

How many different combinations are there to choose from?

- 5) Cody was trying to decide what to wear for his first day of school. The clothes in his closet are listed below.

Shirt Color	Bottom
White	Kilt
Orange	Pants
Yellow	
Green	
Blue	

How many different outfits choices does he have?

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

Candy	Drink
Nerds	Soda
Chocolate	Lemonade
Jelly Beans	Juice
Toffee	
Taffy	

How many different combinations could she make?

- 4) 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	Green	Mage
Long	Red	Monk
Spiky	Brown	
	Blonde	

How many different combinations do you have to choose from?

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

Cake	Icing	Sprinkles
Strawberry	Purple	White
Marble	White	Purple
Vanilla		
Ice Cream		
Lemon		

How many different combinations can you choose from?

**Answers**

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



Solve each problem.

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

Chips	Dip
Scoop	Ranch
Square	Cheese
Triangle	Salsa
Round	Onion
Oval	

If he gets one type of chip and one type of dip, how many different combinations can he 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
Delta	Pink	Eagle
Beta	Blue	Hornet
	Black	
	White	

How many different combinations are there to choose from?

- 5) Cody was trying to decide what to wear for his first day of school. The clothes in his closet are listed below.

Shirt Color	Bottom
White	Kilt
Orange	Pants
Yellow	
Green	
Blue	

How many different outfits choices does he have?

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

Candy	Drink
Nerds	Soda
Chocolate	Lemonade
Jelly Beans	Juice
Toffee	
Taffy	

How many different combinations could she make?

- 4) 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	Green	Mage
Long	Red	Monk
Spiky	Brown	
	Blonde	

How many different combinations do you have to choose from?

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

Cake	Icing	Sprinkles
Strawberry	Purple	White
Marble	White	Purple
Vanilla		
Ice Cream		
Lemon		

How many different combinations can you choose from?

Answers

1. 20
2. 15
3. 16
4. 24
5. 10
6. 20