



Solve each problem.

- 1) Paul 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	Shorts
Green	Kilt
Yellow	Capri
Blue	Khaki Pants

How many different outfits choices does he have?

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

Candy	Drink
Chocolate	Kool-Aid
Toffee	Punch
Taffy	Soda
Jelly Beans	

How many different combinations could she make?

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

Chips	Dip
Square	Bean
Oval	Cheese
	Onion

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

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

Paper	Sticker
Green	Smile
Orange	Heart
Red	Balloon
Blue	

How many different combinations could she make?

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

Cake	Icing	Sprinkles
Strawberry	Red	Pink
Marble	Green	Green
	Pink	

How many different combinations can you 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
Beta	Pink	Pig
Alpha	Red	Wolf
Epsilon	Yellow	Lion
Gamma	White	Shark
	Black	Eagle

How many different combinations are there to choose from?

**Answers**

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



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Gamma	White Black	Shark Eagle

How many different combinations are there to choose from?

**Answers**

1. 20
2. 12
3. 12
4. 12
5. 6
6. 100