Solve each problem.

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

Chips	Dip
Triangle	Salsa
Round	Ranch
Oval	Onion
	Cheese
	Bean

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

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

Shirt Color	Bottom
Orange	Shorts
Yellow	Pants
	Kilt
	Khaki
	Capri

How many different outfits choices does he have?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

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

Name	Color	Mascot
Epsilon	Yellow	Hornet
Alpha	White	Lion
Delta	Blue	
Beta		
Gamma		

How many different combinations are there to 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
Nachos	Milk
Pizza	Water
Hotdog	
Burrito	

How many different combinations does he 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
Vanilla	Green	Red
Lemon	Pink	Green
Ice Cream		White
Marble		Yellow

How many different combinations can you choose from?

6) 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
Mowhawk	Red	Mage
Spiky	Green	Thief
Long		
Short		

How many different combinations do you have to choose from?

Math

Answer Key

Solve each problem.

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Yellow	Pants
	Kilt
	Khaki
	Capri

How many different outfits choices does he have?

1. _____ **15**

2. _____ **10**

3. _____ **30**

4. _____ **8**

5. _____ **32**

6. _____ **16**

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

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