Solve each problem.

 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
Spiky Long Short	Red Brown Black Blonde	Warrior Archer Wizard Monk

How many different combinations do you have to choose from?

3) 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
Yellow	Capri
Orange	Pants
Green	Shorts
	Khaki

How many different outfits choices does he have?

5) Amy was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Juice
Chocolate	Lemonade
Toffee	Kool-Aid
	Punch

How many different combinations could she make?

 At a football game Cameron was allowed to get one type of food and one type of drink. The menu is shown below.

Name:

Food	Drink
Pizza	Punch
Burrito	Juice
Hotdog	
Hamburger	
Nachos	

How many different combinations does he have to choose from?

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

Cake	Icing	Sprinkles
Lemon Strawberry Ice Cream	Pink Red Yellow	Rainbow Pink Red White

How many different combinations can you choose from?

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

Chips	Dip
Round	Ranch
Triangle	Bean
Oval	Cheese
Square	Salsa
	Onion

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

<u>Answers</u>			
1.			
2.			
3.			
4.			
5.			
6.			

Name: Ans

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Hair Style	Hair Color	Class
Spiky Long Short	Red Brown Black Blonde	Warrior Archer Wizard Monk Mage

How many different combinations do you have to choose from?

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Green	Shorts
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How many different outfits choices does he have?

5) Amy was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

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Nerds	Juice
Chocolate	Lemonade
Toffee	Kool-Aid
	Punch

How many different combinations could she make?

2) 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
Pizza Burrito Hotdog Hamburger	Punch Juice
Nachos	

How many different combinations does he have to choose from?

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Cake	Icing	Sprinkles
Lemon Strawberry Ice Cream	Pink Red Yellow	Rainbow Pink Red White

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Triangle	Bean
Oval	Cheese
Square	Salsa
	Onion

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

swer Key		
Answers		
1.	60	
2.	10	
3.	12	
4.	36	
5.	12	
6.	20	