Solve each problem.

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

Chips	Dip
Square	Bean
Oval Scoop	Ranch Onion
Round	Salsa
Triangle	Cheese

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

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

Shirt Color	Bottom
Green	Kilt
White	Capri
Blue	Pants
Orange	Khaki
Yellow	

How many different outfits choices does he have?

5) 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
Burrito Nachos	Punch Juice Milk Water

How many different combinations does he have to choose from?

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

Salad	Dressing
Fruit	Italian
Ham	Ginger
Chef	Vinaigrette
	French
	Ranch

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

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
Curly	Black	Archer
Long	Blue	Warrior
Short	Red	
Mowhawk	Blonde	

How many different combinations do you have to choose from?

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

Candy	Drink
Nerds	Soda
Taffy	Kool-Aid
	Punch

How many different combinations could she make?

A	n	S	w	e	r	S

1. _____

4. _____

5. _____

6. _____

Solve each problem.

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

Chips	Dip
Square	Bean
Oval	Ranch
Scoop	Onion
Round	Salsa
Triangle	Cheese

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

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

Shirt Color	Bottom	
Green	Kilt	
White	Capri	
Blue	Pants	
Orange	Khaki	
Yellow		

How many different outfits choices does he have?

5) 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
Burrito Nachos	Punch Juice Milk Water

How many different combinations does he have to choose from?

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

Name:

Dressing
Italian
Ginger
Vinaigrette
French
Ranch

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

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
Curly	Black	Archer
Long	Blue	Warrior
Short	Red	
Mowhawk	Blonde	

How many different combinations do you have to choose from?

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

Candy	Drink
Nerds	Soda
Taffy	Kool-Aid
	Punch

How many different combinations could she make?

Answer	S

- 25
- <u>15</u>
- . _____20
- 4. **34**
- 5. ____8
- **6**