Solve each problem.

1) At John's Pizza Palace you can order one type of pizza and one drink for $9. Their menu is shown below.

Pizza	Drink
Anchovies Pepperoni Cheese Sausage	Water Juice Punch Milk Soda

How many different combinations of pizza and drink do you have to choose from?

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

Name	Color	Mascot
Delta Gamma Epsilon	White Red Black Yellow Pink	Wolf Shark

How many different combinations are there to choose from?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) 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	Pink Green Purple	Yellow Purple Rainbow

How many different combinations can you choose from?

4) Henry 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 White Blue Orange Yellow	Pants Khaki Shorts Kilt

How many different outfits choices does he have?

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

Candy	Drink
Nerds Jelly Beans Toffee	Soda Punch

How many different combinations could she make?

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

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

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

Solve each problem.

1) At John's Pizza Palace you can order one type of pizza and one drink for $9. Their menu is shown below.

Pizza	Drink
Anchovies	Water
Pepperoni	Juice
Cheese	Punch
Sausage	Milk
	Soda

How many different combinations of pizza and drink do you have to choose from?

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

Name	Color	Mascot
Delta	White	Wolf
Gamma	Red	Shark
Epsilon	Black	
	Yellow	
	Pink	

How many different combinations are there to choose from?

1. **20**

2. **30**

3. **18**

4. **20**

5. **6**

6. **25**

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

Cake	Icing	Sprinkles
Lemon	Pink	Yellow
Strawberry	Green	Purple
	Purple	Rainbow

How many different combinations can you choose from?

4) Henry 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	Pants
White	Khaki
Blue	Shorts
Orange	Kilt
Yellow	

How many different outfits choices does he have?

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

Candy	Drink
Nerds	Soda
Jelly Beans	Punch
Toffee	

How many different combinations could she make?

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

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

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

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