## Solve each problem.

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

Paper	Sticker
Green Orange Red	Heart Star

How many different combinations could she make?

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

Pizza	Drink
Cheese	Juice
Sausage	Punch
Bacon	Milk
Pepperoni	Water
Anchovies	

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

5) Tiffany was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Caesar	Ginger
Fruit	Italian
Chef	French
Vegetable	

If each salad comes with 1 dressing, how many different combinations does she have to choose from? 2) Billy was buying chips and dip for his party. The choices he has are listed below.

Name:

Chips	Dip
Oval	Salsa
Triangle	Ranch
Scoop	Cheese
	Onion
	Bean

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

Cake	Icing	Sprinkles
Vanilla Chocolate Ice Cream	Yellow Green Red Pink White	Green Red White Pink

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
Spiky	Black	Thief
Long	Blonde	Mage
	Green	Archer
		Monk

How many different combinations do you have to choose from?

Name: **Ansy** 

## Solve each problem.

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

Paper	Sticker
Green Orange	Heart Star
Red	

How many different combinations could she make?

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

Pizza	Drink
Cheese	Juice
Sausage	Punch
Bacon	Milk
Pepperoni	Water
Anchovies	

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

5) Tiffany was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Caesar	Ginger
Fruit	Italian
Chef	French
Vegetable	

If each salad comes with 1 dressing, how many different combinations does she have to choose from? 2) Billy was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Oval	Salsa
Triangle	Ranch
Scoop	Cheese
	Onion
	Bean

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

- Answer Key

   is
   Answers

   1.
   6

   2.
   15

   3.
   20

   4.
   60

   5.
   20

   6.
   24
- 4) A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

Cake	Icing	Sprinkles
Vanilla Chocolate Ice Cream	Yellow Green Red Pink White	Green Red White Pink

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
Spiky	Black	Thief
Long	Blonde	Mage
	Green	Archer
		Monk

How many different combinations do you have to choose from?