



Solve each problem.

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

Candy	Drink
Chocolate	Soda
Toffee	Kool-Aid
Nerds	Juice
Taffy	Lemonade
Jelly Beans	Punch

How many different combinations could she make?

- 2) 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
Long	Brown	Wizard
Curly	Green	Mage
Mowhawk		Thief
Short		Monk

How many different combinations do you have to choose from?

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

Paper	Sticker
Blue	Star
Red	Smile
Orange	

How many different combinations could she make?

- 4) Dave was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Square	Bean
Scoop	Cheese
Triangle	Salsa

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

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

Salad	Dressing
Fruit	Ginger
Caesar	Ranch
Vegetable	Vinaigrette
Chef	French
Ham	

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

- 6) 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	Milk
Hotdog	Juice
Pizza	Water
Hamburger	
Nachos	

How many different combinations does he have to choose from?

**Answers**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



Solve each problem.

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

Candy	Drink
Chocolate	Soda
Toffee	Kool-Aid
Nerds	Juice
Taffy	Lemonade
Jelly Beans	Punch

How many different combinations could she make?

- 2) 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
Long	Brown	Wizard
Curly	Green	Mage
Mohawk		Thief
Short		Monk

How many different combinations do you have to choose from?

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

Paper	Sticker
Blue	Star
Red	Smile
Orange	

How many different combinations could she make?

- 4) Dave was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Square	Bean
Scoop	Cheese
Triangle	Salsa

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

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

Salad	Dressing
Fruit	Ginger
Caesar	Ranch
Vegetable	Vinaigrette
Chef	French
Ham	

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

- 6) 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	Milk
Hotdog	Juice
Pizza	Water
Hamburger	
Nachos	

How many different combinations does he have to choose from?

**Answers**

1. **25**
2. **32**
3. **6**
4. **9**
5. **20**
6. **15**



Solve each problem.

**Answers**

- 1) A video game lets you choose a character's hair style, hair color and their class. Their choices are listed below.

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

How many different combinations do you have to choose from?

- 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	Punch
Burrito	Juice
Hotdog	
Hamburger	
Nachos	

How many different combinations does he 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?

- 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	Pink	Rainbow
Strawberry	Red	Pink
Ice Cream	Yellow	Red
		White

How many different combinations can you choose from?

- 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?

- 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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Solve each problem.

- 1) A video game lets you choose a character's hair style, hair color and their class. Their choices are listed below.

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

How many different combinations do you have to choose from?

- 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	Punch
Burrito	Juice
Hotdog	
Hamburger	
Nachos	

How many different combinations does he 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?

- 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	Pink	Rainbow
Strawberry	Red	Pink
Ice Cream	Yellow	Red
		White

How many different combinations can you choose from?

- 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?

- 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?

**Answers**

1. **60**
2. **10**
3. **12**
4. **36**
5. **12**
6. **20**

**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	Soda
Pepperoni	Punch
Cheese	Juice
	Water
	Milk

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

- 3) Billy 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	Khaki
Yellow	Capri
Orange	Shorts
White	Kilt
	Pants

How many different outfits choices does he have?

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

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

How many different combinations are there to choose from?

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

Salad	Dressing
Fruit	French
Chef	Ranch
Vegetable	Italian
	Ginger
	Vinaigrette

If each salad comes with 1 dressing, how many different combinations does she 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
Strawberry	White	Purple
Chocolate	Pink	Pink
	Yellow	Yellow
	Purple	

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
Curly	Blue	Thief
Long	Black	Monk
Short	Red	
Spiky	Green	
Mowhawk	Blonde	

How many different combinations do you have to choose from?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



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	Soda
Pepperoni	Punch
Cheese	Juice
	Water
	Milk

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

- 3) Billy 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	Khaki
Yellow	Capri
Orange	Shorts
White	Kilt
	Pants

How many different outfits choices does he have?

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

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

How many different combinations are there to choose from?

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

Salad	Dressing
Fruit	French
Chef	Ranch
Vegetable	Italian
	Ginger
	Vinaigrette

If each salad comes with 1 dressing, how many different combinations does she 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
Strawberry	White	Purple
Chocolate	Pink	Pink
	Yellow	Yellow
	Purple	

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
Curly	Blue	Thief
Long	Black	Monk
Short	Red	
Spiky	Green	
Mowhawk	Blonde	

How many different combinations do you have to choose from?

**Answers**

1. **15**
2. **15**
3. **20**
4. **24**
5. **20**
6. **50**

**Solve each problem.**

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

Chips	Dip
Scoop	Ranch
Square	Cheese
Triangle	Salsa
Round	Onion
Oval	

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

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

Name	Color	Mascot
Delta	Pink	Eagle
Beta	Blue	Hornet
	Black	
	White	

How many different combinations are there to choose from?

- 5) 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
White	Kilt
Orange	Pants
Yellow	
Green	
Blue	

How many different outfits choices does he have?

- 2) Lana was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Soda
Chocolate	Lemonade
Jelly Beans	Juice
Toffee	
Taffy	

How many different combinations could she make?

- 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
Short	Green	Mage
Long	Red	Monk
Spiky	Brown	
	Blonde	

How many different combinations do you have to choose from?

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

Cake	Icing	Sprinkles
Strawberry	Purple	White
Marble	White	Purple
Vanilla		
Ice Cream		
Lemon		

How many different combinations can you choose from?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Solve each problem.

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

Chips	Dip
Scoop	Ranch
Square	Cheese
Triangle	Salsa
Round	Onion
Oval	

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

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

Name	Color	Mascot
Delta	Pink	Eagle
Beta	Blue	Hornet
	Black	
	White	

How many different combinations are there to choose from?

- 5) 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
White	Kilt
Orange	Pants
Yellow	
Green	
Blue	

How many different outfits choices does he have?

- 2) Lana was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Soda
Chocolate	Lemonade
Jelly Beans	Juice
Toffee	
Taffy	

How many different combinations could she make?

- 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
Short	Green	Mage
Long	Red	Monk
Spiky	Brown	
	Blonde	

How many different combinations do you have to choose from?

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

Cake	Icing	Sprinkles
Strawberry	Purple	White
Marble	White	Purple
Vanilla		
Ice Cream		
Lemon		

How many different combinations can you choose from?

**Answers**

1. **20**
2. **15**
3. **16**
4. **24**
5. **10**
6. **20**





Solve each problem.

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

Chips	Dip
Round	Bean
Scoop	Salsa
Square	Onion

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

- 2) Sam 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
Yellow	Capri
White	Kilt
Orange	
Blue	

How many different outfits choices does he have?

- 3) Nancy was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Kool-Aid
Taffy	Punch
Toffee	
Jelly Beans	

How many different combinations could she make?

- 4) Paige was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Fruit	Vinaigrette
Caesar	French

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

- 5) 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
Short	Blonde	Thief
Long	Blue	Wizard
Curly	Green	Mage
Spiky	Brown	
Mowhawk	Red	

How many different combinations do you have to choose from?

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

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

How many different combinations can you choose from?

**Answers**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



Solve each problem.

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

Chips	Dip
Round	Bean
Scoop	Salsa
Square	Onion

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

- 2) Sam 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
Yellow	Capri
White	Kilt
Orange	
Blue	

How many different outfits choices does he have?

- 3) Nancy was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Kool-Aid
Taffy	Punch
Toffee	
Jelly Beans	

How many different combinations could she make?

- 4) Paige was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Fruit	Vinaigrette
Caesar	French

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

- 5) 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
Short	Blonde	Thief
Long	Blue	Wizard
Curly	Green	Mage
Spiky	Brown	
Mowhawk	Red	

How many different combinations do you have to choose from?

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

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

How many different combinations can you choose from?

**Answers**

1. **9**
2. **15**
3. **8**
4. **9**
5. **75**
6. **75**

**Solve each problem.**

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

Name	Color	Mascot
Gamma	Red	Eagle
Delta	Blue	Hawk
Epsilon	Yellow	Hornet
Alpha	Pink	
Beta	Black	

How many different combinations are there to choose from?

- 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	Green
Ice Cream	Red	Rainbow
		Pink

How many different combinations can you choose from?

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

Salad	Dressing
Ham	Ginger
Fruit	Italian
	Vinaigrette
	French

If each salad comes with 1 dressing, how many different combinations does she have 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
Pizza	Water
Nachos	Juice

How many different combinations does he have to choose from?

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

Paper	Sticker
Red	Heart
Orange	Balloon
Green	
Blue	
Yellow	

How many different combinations could she make?

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

Pizza	Drink
Sausage	Soda
Anchovies	Punch

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

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Solve each problem.

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

Name	Color	Mascot
Gamma	Red	Eagle
Delta	Blue	Hawk
Epsilon	Yellow	Hornet
Alpha	Pink	
Beta	Black	

How many different combinations are there to choose from?

- 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	Green
Ice Cream	Red	Rainbow
		Pink

How many different combinations can you choose from?

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

Salad	Dressing
Ham	Ginger
Fruit	Italian
	Vinaigrette
	French

If each salad comes with 1 dressing, how many different combinations does she have 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
Pizza	Water
Nachos	Juice

How many different combinations does he have to choose from?

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

Paper	Sticker
Red	Heart
Orange	Balloon
Green	
Blue	
Yellow	

How many different combinations could she make?

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

Pizza	Drink
Sausage	Soda
Anchovies	Punch

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

**Answers**

1. **75**
2. **8**
3. **12**
4. **4**
5. **10**
6. **4**

**Solve each problem.**

- 1) 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
Hamburger	Juice
Pizza	Water
Nachos	Soda
Hotdog	Punch
	Milk

How many different combinations does he have to choose from?

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

Pizza	Drink
Pepperoni	Juice
Cheese	Punch
Bacon	Soda
Anchovies	

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

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

Candy	Drink
Taffy	Soda
Jelly Beans	Punch
Nerds	
Chocolate	

How many different combinations could she make?

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

Name	Color	Mascot
Alpha	Black	Eagle
Delta	White	Shark
Gamma	Yellow	Wolf
Beta	Blue	
Epsilon		

How many different combinations are there to choose from?

- 4) Emily was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	French
Fruit	Italian
Vegetable	Ranch
Chef	Ginger
Caesar	Vinaigrette

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

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

Paper	Sticker
Green	Heart
Red	Thumbs up
Blue	
Orange	

How many different combinations could she make?

**Answers**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



Solve each problem.

- 1) 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
Hamburger	Juice
Pizza	Water
Nachos	Soda
Hotdog	Punch
	Milk

How many different combinations does he have to choose from?

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

Pizza	Drink
Pepperoni	Juice
Cheese	Punch
Bacon	Soda
Anchovies	

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

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

Candy	Drink
Taffy	Soda
Jelly Beans	Punch
Nerds	
Chocolate	

How many different combinations could she make?

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

Name	Color	Mascot
Alpha	Black	Eagle
Delta	White	Shark
Gamma	Yellow	Wolf
Beta	Blue	
Epsilon		

How many different combinations are there to choose from?

- 4) Emily was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	French
Fruit	Italian
Vegetable	Ranch
Chef	Ginger
Caesar	Vinaigrette

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

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

Paper	Sticker
Green	Heart
Red	Thumbs up
Blue	
Orange	

How many different combinations could she make?

**Answers**

1. **20**
2. **60**
3. **12**
4. **25**
5. **8**
6. **8**

**Solve each problem.****Answers**

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

Name	Color	Mascot
Gamma	Black	Wolf
Beta	Yellow	Shark
Alpha	Blue	Lion
Delta		

How many different combinations are there to choose from?

- 2) Edward was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Triangle	Salsa
Square	Onion
Oval	
Scoop	

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

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

Candy	Drink
Nerds	Kool-Aid
Chocolate	Punch
Taffy	
Toffee	

How many different combinations could she make?

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

Shirt Color	Bottom
White	Capri
Blue	Kilt
Orange	Khaki

How many different outfits choices does he have?

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

Paper	Sticker
Green	Heart
Blue	Star
Orange	Thumbs up
Red	Balloon
Yellow	Smile

How many different combinations could she make?

- 6) Bianca was trying to decide which salad to order for lunch.

Salad	Dressing
Fruit	Ranch
Ham	Ginger
Vegetable	Vinaigrette
Caesar	
Chef	

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Solve each problem.

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

Name	Color	Mascot
Gamma	Black	Wolf
Beta	Yellow	Shark
Alpha	Blue	Lion
Delta		

How many different combinations are there to choose from?

- 2) Edward was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Triangle	Salsa
Square	Onion
Oval	
Scoop	

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

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

Candy	Drink
Nerds	Kool-Aid
Chocolate	Punch
Taffy	
Toffee	

How many different combinations could she make?

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

Shirt Color	Bottom
White	Capri
Blue	Kilt
Orange	Khaki

How many different outfits choices does he have?

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

Paper	Sticker
Green	Heart
Blue	Star
Orange	Thumbs up
Red	Balloon
Yellow	Smile

How many different combinations could she make?

- 6) Bianca was trying to decide which salad to order for lunch.

Salad	Dressing
Fruit	Ranch
Ham	Ginger
Vegetable	Vinaigrette
Caesar	
Chef	

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

**Answers**

1. **36**
2. **8**
3. **8**
4. **9**
5. **25**
6. **15**



**Solve each problem.**

- 1) Bianca was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Toffee	Kool-Aid
Nerds	Punch
Chocolate	Lemonade
Jelly Beans	Soda
	Juice

How many different combinations could she make?

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

Pizza	Drink
Sausage	Soda
Anchovies	Punch
Cheese	Water
	Milk

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

- 3) Jerry was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Triangle	Cheese
Scoop	Ranch
Oval	
Round	
Square	

If he gets one type of chip and one type of dip, how many different combinations can he 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	Green	Yellow
Vanilla	Pink	Pink
Chocolate	Red	
Marble		

How many different combinations can you choose from?

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

Paper	Sticker
Red	Thumbs up
Yellow	Star
	Heart

How many different combinations could she make?

- 6) John 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	Pants
Green	Kilt
Yellow	
Blue	
White	

How many different outfits choices does he have?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Solve each problem.

- 1) Bianca was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Toffee	Kool-Aid
Nerds	Punch
Chocolate	Lemonade
Jelly Beans	Soda
	Juice

How many different combinations could she make?

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

Pizza	Drink
Sausage	Soda
Anchovies	Punch
Cheese	Water
	Milk

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

- 3) Jerry was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Triangle	Cheese
Scoop	Ranch
Oval	
Round	
Square	

If he gets one type of chip and one type of dip, how many different combinations can he 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	Green	Yellow
Vanilla	Pink	Pink
Chocolate	Red	
Marble		

How many different combinations can you choose from?

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

Paper	Sticker
Red	Thumbs up
Yellow	Star
	Heart

How many different combinations could she make?

- 6) John 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	Pants
Green	Kilt
Yellow	
Blue	
White	

How many different outfits choices does he have?

**Answers**

1. **20**
2. **12**
3. **10**
4. **24**
5. **6**
6. **10**

**Solve each problem.**

- 1) Faye was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Fruit	Italian
Vegetable	Ginger
Caesar	
Chef	

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

- 2) Janet was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Soda
Taffy	Lemonade

How many different combinations could she make?

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

Pizza	Drink
Sausage	Milk
Cheese	Punch
Anchovies	
Pepperoni	
Bacon	

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

- 4) 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
Blue	Khaki
White	Kilt
	Shorts

How many different outfits choices does he have?

- 5) 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	Blue	Thief
Short	Blonde	Warrior
Curly	Black	Archer
Long	Brown	

How many different combinations do you have to choose from?

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

Chips	Dip
Oval	Bean
Square	Cheese
Triangle	Ranch
Round	
Scoop	

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

**Answers**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



Solve each problem.

- 1) Faye was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Fruit	Italian
Vegetable	Ginger
Caesar	
Chef	

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

- 2) Janet was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds	Soda
Taffy	Lemonade

How many different combinations could she make?

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

Pizza	Drink
Sausage	Milk
Cheese	Punch
Anchovies	
Pepperoni	
Bacon	

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

- 4) 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
Blue	Khaki
White	Kilt
	Shorts

How many different outfits choices does he have?

- 5) 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	Blue	Thief
Short	Blonde	Warrior
Curly	Black	Archer
Long	Brown	

How many different combinations do you have to choose from?

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

Chips	Dip
Oval	Bean
Square	Cheese
Triangle	Ranch
Round	
Scoop	

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

**Answers**

1. **15**
2. **4**
3. **10**
4. **6**
5. **48**
6. **15**