

**Solve each problem.**

- 1) Victor 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	Shorts
Orange	Capri
Yellow	Pants
	Khaki

How many different outfits choices does he have?

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

Paper	Sticker
Orange	Smile
Yellow	Balloon
Red	Star
Green	Heart
Blue	

How many different combinations could she make?

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

Pizza	Drink
Pepperoni	Soda
Bacon	Juice
Sausage	

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

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

Candy	Drink
Taffy	Lemonade
Chocolate	Soda

How many different combinations could she make?

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

Chips	Dip
Triangle	Salsa
Oval	Cheese
Round	

If he gets one type of chip and one type of dip, how many different combinations can he 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	Monk
Long	Blonde	Archer
Curly		

How many different combinations do you have to choose from?

Answers

- _____
- _____
- _____
- _____
- _____
- _____

**Solve each problem.**

- 1) Victor 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	Shorts
Orange	Capri
Yellow	Pants
	Khaki

How many different outfits choices does he have?

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

Paper	Sticker
Orange	Smile
Yellow	Balloon
Red	Star
Green	Heart
Blue	

How many different combinations could she make?

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

Pizza	Drink
Pepperoni	Soda
Bacon	Juice
Sausage	

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

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

Candy	Drink
Taffy	Lemonade
Chocolate	Soda

How many different combinations could she make?

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

Chips	Dip
Triangle	Salsa
Oval	Cheese
Round	

If he gets one type of chip and one type of dip, how many different combinations can he 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	Monk
Long	Blonde	Archer
Curly		

How many different combinations do you have to choose from?

Answers

- 12**
- 20**
- 6**
- 4**
- 6**
- 12**

**Solve each problem.**

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

Chips	Dip
Square	Onion
Oval	Salsa
Scoop	Bean
Triangle	Ranch
	Cheese

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

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

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

How many different combinations could she make?

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

Cake	Icing	Sprinkles
Chocolate	Pink	White
Marble	Purple	Rainbow
Lemon		Red
		Pink
		Purple

How many different combinations can you 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	Soda
Hotdog	Punch
Hamburger	Milk
	Water
	Juice

How many different combinations does he have to choose from?

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

Pizza	Drink
Anchovies	Milk
Cheese	Punch
Pepperoni	Soda

How many different combinations of pizza and drink do you have to 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
Long	Black	Monk
Mowhawk	Red	Wizard
Curly	Blonde	Mage
Short		Archer

How many different combinations do you have to choose from?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

**Solve each problem.**

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

Chips	Dip
Square	Onion
Oval	Salsa
Scoop	Bean
Triangle	Ranch
	Cheese

If he gets one type of chip and one type of dip, how many different combinations can he 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	Soda
Hotdog	Punch
Hamburger	Milk
	Water
	Juice

How many different combinations does he have to choose from?

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

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

How many different combinations could she make?

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

Pizza	Drink
Anchovies	Milk
Cheese	Punch
Pepperoni	Soda

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

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

Cake	Icing	Sprinkles
Chocolate	Pink	White
Marble	Purple	Rainbow
Lemon		Red
		Pink
		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
Long	Black	Monk
Mowhawk	Red	Wizard
Curly	Blonde	Mage
Short		Archer

How many different combinations do you have to choose from?

Answers

- 20**
- 15**
- 20**
- 9**
- 30**
- 48**

**Solve each problem.**

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

Salad	Dressing
Vegetable	Italian
Caesar	Ranch
Fruit	Ginger
Ham	Vinaigrette
	French

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

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

Cake	Icing	Sprinkles
Ice Cream	Red	Green
Chocolate	Purple	Rainbow
	White	Red
		White
		Yellow

How many different combinations can you choose from?

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

Candy	Drink
Nerds	Lemonade
Toffee	Punch
	Kool-Aid
	Juice

How many different combinations could she make?

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

Chips	Dip
Triangle	Onion
Oval	Bean
Round	Cheese
	Salsa

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

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

Name	Color	Mascot
Beta	Black	Hawk
Epsilon	Yellow	Hornet
Gamma	Blue	Eagle
Delta	Pink	Wolf
		Pig

How many different combinations are there 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
Hamburger	Water
Pizza	Punch
Hotdog	Juice
Nachos	Milk

How many different combinations does he have to choose from?

Answers

- _____
- _____
- _____
- _____
- _____
- _____

**Solve each problem.**

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

Salad	Dressing
Vegetable	Italian
Caesar	Ranch
Fruit	Ginger
Ham	Vinaigrette
	French

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

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

Cake	Icing	Sprinkles
Ice Cream	Red	Green
Chocolate	Purple	Rainbow
	White	Red
		White
		Yellow

How many different combinations can you choose from?

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

Candy	Drink
Nerds	Lemonade
Toffee	Punch
	Kool-Aid
	Juice

How many different combinations could she make?

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

Chips	Dip
Triangle	Onion
Oval	Bean
Round	Cheese
	Salsa

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

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

Name	Color	Mascot
Beta	Black	Hawk
Epsilon	Yellow	Hornet
Gamma	Blue	Eagle
Delta	Pink	Wolf
		Pig

How many different combinations are there to choose from?

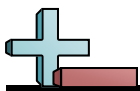
- 6) At a football game Cameron was allowed to get one type of food and one type of drink. The menu is shown below.

Food	Drink
Hamburger	Water
Pizza	Punch
Hotdog	Juice
Nachos	Milk

How many different combinations does he have to choose from?

Answers

- 20**
- 30**
- 8**
- 12**
- 80**
- 16**

**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
Beta	Black	Lion
Alpha	Pink	Pig
Epsilon		Hawk
		Shark

How many different combinations are there to choose from?

- 3) Carol was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Italian
Chef	Vinaigrette
Vegetable	Ranch
	French

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

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

Cake	Icing	Sprinkles
Strawberry	Red	Pink
Vanilla	Green	White
Chocolate	White	Green
	Pink	Rainbow

How many different combinations can you choose from?

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

Candy	Drink
Jelly Beans	Lemonade
Chocolate	Juice
Taffy	Soda
Nerds	Punch

How many different combinations could she make?

- 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
White	Capri
Blue	Kilt
Orange	
Yellow	
Green	

How many different outfits choices does he have?

- 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
Long	Red	Monk
Curly	Black	Archer
Spiky	Brown	Mage
	Blonde	Warrior
	Blue	Wizard

How many different combinations 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
Beta	Black	Lion
Alpha	Pink	Pig
Epsilon		Hawk
		Shark

How many different combinations are there to choose from?

- 3) Carol was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Italian
Chef	Vinaigrette
Vegetable	Ranch
	French

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

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

Cake	Icing	Sprinkles
Strawberry	Red	Pink
Vanilla	Green	White
Chocolate	White	Green
	Pink	Rainbow

How many different combinations can you choose from?

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

Candy	Drink
Jelly Beans	Lemonade
Chocolate	Juice
Taffy	Soda
Nerds	Punch

How many different combinations could she make?

- 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
White	Capri
Blue	Kilt
Orange	
Yellow	
Green	

How many different outfits choices does he have?

- 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
Long	Red	Monk
Curly	Black	Archer
Spiky	Brown	Mage
	Blonde	Warrior
	Blue	Wizard

How many different combinations do you have to choose from?

Answers

- 60**
- 16**
- 12**
- 10**
- 48**
- 75**

**Solve each problem.**

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

Salad	Dressing
Fruit	French
Vegetable	Ginger
Caesar	Italian
	Vinaigrette

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

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

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

How many different combinations could she make?

- 5) At Billy'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
	Juice

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

- 2) 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	Blue	Warrior
Short	Black	Mage
Long		Thief
		Monk

How many different combinations do you 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
Hotdog	Soda
Burrito	Milk
Hamburger	

How many different combinations does he have to choose from?

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

Paper	Sticker
Orange	Star
Blue	Smile
Yellow	Balloon
Red	
Green	

How many different combinations could she make?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

**Solve each problem.**

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

Salad	Dressing
Fruit	French
Vegetable	Ginger
Caesar	Italian
	Vinaigrette

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

- 2) 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	Blue	Warrior
Short	Black	Mage
Long		Thief
		Monk

How many different combinations do you have to choose from?

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

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

How many different combinations could she make?

- 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
Hotdog	Soda
Burrito	Milk
Hamburger	

How many different combinations does he have to choose from?

- 5) At Billy'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
	Juice

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

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

Paper	Sticker
Orange	Star
Blue	Smile
Yellow	Balloon
Red	
Green	

How many different combinations could she make?

Answers

- 12**
- 24**
- 12**
- 6**
- 6**
- 15**

**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
Nachos	Punch
Burrito	Juice
	Milk

How many different combinations does he have to choose from?

- 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
Mowhawk	Blonde	Monk
Spiky	Red	Wizard
Curly		Thief
Short		Mage
Long		

How many different combinations do you have to choose from?

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

Chips	Dip
Round	Cheese
Oval	Ranch
Scoop	Bean

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

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

Paper	Sticker
Green	Thumbs up
Red	Balloon
Orange	
Blue	
Yellow	

How many different combinations could she make?

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

Cake	Icing	Sprinkles
Ice Cream	Pink	Pink
Lemon	Yellow	White
Marble	White	Yellow
Chocolate	Green	
Vanilla		

How many different combinations can you choose from?

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

Name	Color	Mascot
Epsilon	Black	Hawk
Gamma	Red	Shark
Alpha	Pink	
Delta		

How many different combinations are there to choose from?

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
Nachos	Punch
Burrito	Juice
	Milk

How many different combinations does he have to choose from?

- 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
Mowhawk	Blonde	Monk
Spiky	Red	Wizard
Curly		Thief
Short		Mage
Long		

How many different combinations do you have to choose from?

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

Chips	Dip
Round	Cheese
Oval	Ranch
Scoop	Bean

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

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

Paper	Sticker
Green	Thumbs up
Red	Balloon
Orange	
Blue	
Yellow	

How many different combinations could she make?

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

Cake	Icing	Sprinkles
Ice Cream	Pink	Pink
Lemon	Yellow	White
Marble	White	Yellow
Chocolate	Green	
Vanilla		

How many different combinations can you choose from?

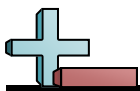
- 6) At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

Name	Color	Mascot
Epsilon	Black	Hawk
Gamma	Red	Shark
Alpha	Pink	
Delta		

How many different combinations are there to choose from?

Answers

- 6**
- 40**
- 9**
- 10**
- 60**
- 24**

**Solve each problem.**

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

Pizza	Drink
Bacon	Punch
Cheese	Milk

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

- 3) 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
Green	Pants
Blue	Capri
	Shorts
	Khaki
	Kilt

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
Pizza	Soda
Nachos	Juice
Hotdog	Milk
	Punch
	Water

How many different combinations does he have to choose from?

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

Candy	Drink
Taffy	Lemonade
Chocolate	Kool-Aid
	Juice
	Soda
	Punch

How many different combinations could she make?

- 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	Red	Purple
Chocolate	White	Red
Marble	Pink	Yellow
Lemon	Yellow	Green
Strawberry	Green	White

How many different combinations can you choose from?

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

Name	Color	Mascot
Beta	Yellow	Eagle
Delta	Black	Hornet
	Pink	Lion
	Blue	Wolf
	White	

How many different combinations are there to choose from?

Answers

- _____
- _____
- _____
- _____
- _____
- _____

**Solve each problem.**

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

Pizza	Drink
Bacon	Punch
Cheese	Milk

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

- 3) 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
Green	Pants
Blue	Capri
	Shorts
	Khaki
	Kilt

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
Pizza	Soda
Nachos	Juice
Hotdog	Milk
	Punch
	Water

How many different combinations does he have to choose from?

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

Candy	Drink
Taffy	Lemonade
Chocolate	Kool-Aid
	Juice
	Soda
	Punch

How many different combinations could she make?

- 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	Red	Purple
Chocolate	White	Red
Marble	Pink	Yellow
Lemon	Yellow	Green
Strawberry	Green	White

How many different combinations can you choose from?

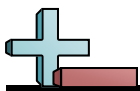
- 6) At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

Name	Color	Mascot
Beta	Yellow	Eagle
Delta	Black	Hornet
	Pink	Lion
	Blue	Wolf
	White	

How many different combinations are there to choose from?

Answers

- 4**
- 10**
- 10**
- 125**
- 15**
- 40**

**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
Pizza	Juice
Hotdog	Milk
Burrito	
Hamburger	
Nachos	

How many different combinations does he have to choose from?

- 3) Carol was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ginger
Caesar	French
Chef	Ranch
Fruit	Vinaigrette
Vegetable	

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

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

Pizza	Drink
Pepperoni	Water
Sausage	Milk
Anchovies	Juice
Bacon	

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

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

Chips	Dip
Round	Salsa
Square	Ranch
Scoop	Cheese
Oval	

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

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

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

How many different combinations could she make?

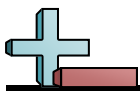
- 6) Robin was creating a card for her friend. She can use one paper color and one sticker from the selection below.

Paper	Sticker
Blue	Smile
Orange	Heart
Yellow	Thumbs up
Green	Star

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
Pizza	Juice
Hotdog	Milk
Burrito	
Hamburger	
Nachos	

How many different combinations does he have to choose from?

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

Chips	Dip
Round	Salsa
Square	Ranch
Scoop	Cheese
Oval	

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

- 3) Carol was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ginger
Caesar	French
Chef	Ranch
Fruit	Vinaigrette
Vegetable	

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

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

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

How many different combinations could she make?

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

Pizza	Drink
Pepperoni	Water
Sausage	Milk
Anchovies	Juice
Bacon	

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

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

Paper	Sticker
Blue	Smile
Orange	Heart
Yellow	Thumbs up
Green	Star

How many different combinations could she make?

Answers

- 10**
- 12**
- 20**
- 20**
- 12**
- 16**

**Solve each problem.**

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

Salad	Dressing
Ham	Ginger
Chef	Ranch
Caesar	Vinaigrette
Fruit	French
Vegetable	

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

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

Chips	Dip
Triangle	Ranch
Round	Bean
Scoop	Onion

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
Epsilon	Pink	Pig
Delta	Red	Hornet
	White	Hawk
	Yellow	

How many different combinations are there to choose from?

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

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

How many different combinations could she make?

- 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	Green	Wizard
Mowhawk	Brown	Mage
Long	Black	Warrior
Short	Blonde	Monk
	Red	

How many different combinations do you have to choose from?

- 6) Dave 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	Khaki
Yellow	Pants
	Shorts
	Kilt

How many different outfits choices does he have?

Answers

- _____
- _____
- _____
- _____
- _____
- _____

**Solve each problem.**

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

Salad	Dressing
Ham	Ginger
Chef	Ranch
Caesar	Vinaigrette
Fruit	French
Vegetable	

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

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

Chips	Dip
Triangle	Ranch
Round	Bean
Scoop	Onion

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
Epsilon	Pink	Pig
Delta	Red	Hornet
	White	Hawk
	Yellow	

How many different combinations are there to choose from?

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

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

How many different combinations could she make?

- 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	Green	Wizard
Mowhawk	Brown	Mage
Long	Black	Warrior
Short	Blonde	Monk
	Red	

How many different combinations do you have to choose from?

- 6) Dave 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	Khaki
Yellow	Pants
	Shorts
	Kilt

How many different outfits choices does he have?

Answers

1. **20**
2. **9**
3. **24**
4. **25**
5. **80**
6. **15**

**Solve each problem.**

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

Salad	Dressing
Ham	Vinaigrette
Vegetable	Ginger
Chef	
Fruit	
Caesar	

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

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

Paper	Sticker
Green	Balloon
Red	Smile
Blue	
Orange	
Yellow	

How many different combinations could she make?

- 3) 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
Short	Red	Warrior
Spiky	Blue	Thief
Long		Mage
Mohawk		Wizard
Curly		

How many different combinations do you have to choose from?

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

Chips	Dip
Triangle	Cheese
Round	Ranch
Square	Salsa
Scoop	Onion

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

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

Pizza	Drink
Cheese	Soda
Anchovies	Punch
	Water
	Juice

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

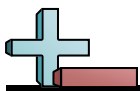
- 6) Robin was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

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

How many different combinations could she make?

Answers

- _____
- _____
- _____
- _____
- _____
- _____

**Solve each problem.**

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

Salad	Dressing
Ham	Vinaigrette
Vegetable	Ginger
Chef	
Fruit	
Caesar	

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

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

Paper	Sticker
Green	Balloon
Red	Smile
Blue	
Orange	
Yellow	

How many different combinations could she make?

- 3) 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
Short	Red	Warrior
Spiky	Blue	Thief
Long		Mage
Mohawk		Wizard
Curly		

How many different combinations do you have to choose from?

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

Chips	Dip
Triangle	Cheese
Round	Ranch
Square	Salsa
Scoop	Onion

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

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

Pizza	Drink
Cheese	Soda
Anchovies	Punch
	Water
	Juice

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

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

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

How many different combinations could she make?

Answers

- 10**
- 10**
- 40**
- 16**
- 8**
- 20**