



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. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____



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.

- 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. _____
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?

- 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?

- 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?

- 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?

- 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?

- 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

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



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?

- 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?

- 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?

- 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?

- 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?

- 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?

- 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

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



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

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



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