



Solve each problem.

- 1) Olivia 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) Bianca 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) Cody 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) Sarah 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) Olivia 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) Bianca 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) Cody 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) Sarah 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) Mike 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) Gwen 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) Will 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?

- 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) Mike 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) Gwen 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) Will 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 Henry'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) Mike 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) Lana 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 Henry'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) Mike 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) Lana 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) George 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) 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 |
|-------------|--------|
| White | Kilt |
| Orange | Pants |
| Yellow | |
| Green | |
| Blue | |

How many different outfits choices does he have?

- 2) Nancy 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?

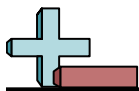
- 6) A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

| 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) George 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) 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 |
|-------------|--------|
| White | Kilt |
| Orange | Pants |
| Yellow | |
| Green | |
| Blue | |

How many different outfits choices does he have?

- 2) Nancy 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) Adam 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) Roger 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) Vanessa 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) Maria 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) Adam 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) Roger 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) Vanessa 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) Maria 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 Ice Cream | Pink Red | Green Rainbow Pink |

How many different combinations can you choose from?

- 5) Gwen 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) Lana 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 Will'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 Ice Cream | Pink Red | Green Rainbow Pink |

How many different combinations can you choose from?

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

| Paper | Sticker |
|------------------------------|---------------|
| Red Orange Green Blue Yellow | Heart Balloon |

How many different combinations could she make?

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

| Salad | Dressing |
|-----------|-----------------------------------|
| Ham Fruit | Ginger 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 Nachos | Water Juice |

How many different combinations does he have to choose from?

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

| Pizza | Drink |
|-------------------|------------|
| Sausage Anchovies | Soda 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) Gwen 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) Carol 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) Nancy 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) Gwen 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) Carol 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) Nancy 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) Cody 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) Emily 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) 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 |
|-------------|--------|
| White | Capri |
| Blue | Kilt |
| Orange | Khaki |

How many different outfits choices does he have?

- 5) Gwen 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) Nancy 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) Cody 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) Emily 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) 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 |
|-------------|--------|
| White | Capri |
| Blue | Kilt |
| Orange | Khaki |

How many different outfits choices does he have?

- 5) Gwen 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) Nancy 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) Janet 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?

- 3) Mike 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?

- 5) Gwen 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?

- 2) At Cody'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?

- 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?

- 6) Will 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) Janet 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?

- 3) Mike 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?

- 5) Gwen 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?

- 2) At Cody'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?

- 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?

- 6) Will 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) Vanessa 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) Tiffany 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) 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 |
|-------------|--------|
| 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) Ned 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) Vanessa 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) Tiffany 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) 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 |
|-------------|--------|
| 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) Ned 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