

# Combinations

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Solve the combinations.

- 1) Austin 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      | Pants  |
| Orange      | Capri  |
| Green       | Shorts |
|             | Kilt   |

How many different outfit's choices does he have?

\_\_\_\_\_

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

| Paper  | Sticker |
|--------|---------|
| Green  | Smile   |
| Orange | Star    |
| Red    | Heart   |
|        | Balloon |

How many different combinations could she make?

\_\_\_\_\_

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

| Candy     | Drink |
|-----------|-------|
| Chocolate | Punch |
| Taffy     | Soda  |
|           |       |
|           |       |

How many different combinations could she make?

\_\_\_\_\_

- 4) In a store kids are allowed to choose a doll, they choose according to hair style and hair color. Their choices are listed below.

| Hair Style | Hair color |
|------------|------------|
| Long       | Red        |
| Curly      | Black      |
| Spiky      |            |
| Short      |            |

How many different combinations can you choose from?

\_\_\_\_\_

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

| Chips    | Dip    |
|----------|--------|
| Oval     | Onion  |
| Scoop    | Bean   |
| Triangle | salsa  |
| Square   | Cheese |

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

\_\_\_\_\_

- 6) At AL FORNO FERRUZZA Pizza Place you can order one type of pizza and one type of drink for \$8. Their menu is shown below.

| Pizza     | Drink |
|-----------|-------|
| Bacon     | Punch |
| Sausage   | Juice |
| Pepperoni | Water |
| Cheese    | Milk  |

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

\_\_\_\_\_

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- 1) Austin 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      | Pants  |
| Orange      | Capri  |
| Green       | Shorts |
|             | Kilt   |

How many different outfit's choices does he have?

12

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

| Paper  | Sticker |
|--------|---------|
| Green  | Smile   |
| Orange | Star    |
| Red    | Heart   |
|        | Balloon |

How many different combinations could she make?

12

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

| Candy     | Drink |
|-----------|-------|
| Chocolate | Punch |
| Taffy     | Soda  |
|           |       |
|           |       |

How many different combinations could she make?

4

- 4) In a store kids are allowed to choose a doll, they choose according to hair style and hair color. Their choices are listed below.

| Hair Style | Hair color |
|------------|------------|
| Long       | Red        |
| Curly      | Black      |
| Spiky      |            |
| Short      |            |

How many different combinations can you choose from?

8

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

| Chips    | Dip    |
|----------|--------|
| Oval     | Onion  |
| Scoop    | Bean   |
| Triangle | salsa  |
| Square   | Cheese |

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

16

- 6) At AL FORNO FERRUZZA Pizza Place you can order one type of pizza and one type of drink for \$8. Their menu is shown below.

| Pizza     | Drink |
|-----------|-------|
| Bacon     | Punch |
| Sausage   | Juice |
| Pepperoni | Water |
| Cheese    | Milk  |

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

16