

Combinations

Name: _____

Date: _____

Solve the combinations.

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

Paper	Sticker
Red	Star
Yellow	Thumbs up
Green	Balloon
Pink	Heart

How many different combinations could she make?

- 2) A baker lets customers pick one cake and one colour of sprinkles. Her menu is below.

Cake	Sprinkles
Chocolate	White
Ice cream	Rainbow
Strawberry	Pink
Vanilla	Red

How many different combinations can you choose from?

- 3) A baker lets customers pick one cake and a color of icing. Her menu is below.

Cake	Icing
Lemon	Purple
Marble	Red
Chocolate	

How many different combinations can you choose from?

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

Name	color
Delta	Black
Beta	Pink
Gamma	Yellow
	Green

How many different combinations are there to choose from?

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

Salad	Dressing
Ham	French
Fruit	Italian
Vegetable	Ginger
	Vinaigrette

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

- 6) Jack 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	Kilt
White	Short
Black	Capri
Green	

How many different outfit's choices does he have?

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How many different combinations could she make?

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- 2) A baker lets customers pick one cake and one colour of sprinkles. Her menu is below.

Cake	Sprinkles
Chocolate	White
Ice cream	Rainbow
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How many different combinations can you choose from?

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- 3) A baker lets customers pick one cake and a color of icing. Her menu is below.

Cake	Icing
Lemon	Purple
Marble	Red
Chocolate	

How many different combinations can you choose from?

6

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

Name	color
Delta	Black
Beta	Pink
Gamma	Yellow
	Green

How many different combinations are there to choose from?

12

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

Salad	Dressing
Ham	French
Fruit	Italian
Vegetable	Ginger
	Vinaigrette

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

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- 6) Jack 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	Kilt
White	Short
Black	Capri
Green	

How many different outfit's choices does he have?

12