



Solve each problem.

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

Paper	Sticker
Yellow	Star
Green	Thumbs up
	Heart
	Smile
	Balloon

How many different combinations could she make?

- 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
Yellow	Pants
Blue	Shorts
Orange	Kilt
White	

How many different outfits choices does he have?

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

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

How many different combinations could she make?

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

Cake	Icing	Sprinkles
Chocolate	White	Green
Lemon	Red	White
	Green	Rainbow
	Purple	

How many different combinations can you 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
Hamburger	Soda
Nachos	Milk
	Punch

How many different combinations does he have to choose from?

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

Chips	Dip
Oval	Cheese
Triangle	Salsa
Scoop	Bean
Square	Onion
Round	Ranch

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. _____



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Answers

1. 10
2. 24
3. 12
4. 6
5. 20
6. 25