



Solve each problem.

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

Cake	Icing	Sprinkles
Marble	Purple	Purple
Lemon	Yellow	Rainbow
Vanilla	Green	Green
Strawberry	Red	White
Chocolate	Pink	

How many different combinations can you choose from?

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

Paper	Sticker
Orange	Heart
Red	Smile
Blue	Balloon
	Star

How many different combinations could she make?

- 3) George 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	Shorts
Orange	Kilt
	Capri
	Pants

How many different outfits choices does he have?

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

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

How many different combinations could she make?

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

Name	Color	Mascot
Epsilon	Pink	Wolf
Alpha	Blue	Shark
Beta	Black	Pig

How many different combinations are there to choose from?

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

Chips	Dip
Triangle	Ranch
Scoop	Bean
Oval	
Square	

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. 100
2. 12
3. 8
4. 12
5. 27
6. 8