



Solve each problem.

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

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

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
Gamma	Pink	Shark
Alpha	Red	Lion
Beta		Hornet
Epsilon		Eagle

How many different combinations are there 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
Orange	Heart
Red	Thumbs up
Yellow	

How many different combinations could she make?

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

Pizza	Drink
Cheese	Water
Bacon	Soda
	Juice
	Milk
	Punch

How many different combinations of pizza and drink do you 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
Spiky	Red	Thief
Curly	Blonde	Mage
Short	Brown	Monk
Mowhawk	Black	
Long	Green	

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
Chocolate	White	Red
Strawberry	Green	Yellow
Ice Cream	Purple	White
	Red	Green

How many different combinations can you choose from?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____



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Answers

1. 25
2. 32
3. 6
4. 10
5. 75
6. 48