

**Solve each problem.**

- 1) 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
Hotdog	Punch
Pizza	Soda
	Water
	Milk
	Juice

How many different combinations does he have to choose from?

- 2) 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
Short	Blonde	Mage
Long	Blue	Thief
Spiky	Brown	Archer
Mowhawk		Wizard
Curly		Monk

How many different combinations do you have to choose from?

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

Chips	Dip
Triangle	Cheese
Scoop	Ranch
Oval	Salsa

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

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

Cake	Icing	Sprinkles
Strawberry	Green	Green
Marble	Red	Purple
Ice Cream	Pink	
Vanilla		

How many different combinations can you choose from?

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

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

How many different combinations could she make?

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

Name	Color	Mascot
Alpha	Black	Wolf
Beta	Yellow	Hornet
Delta		

How many different combinations are there to choose from?

Answers

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

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Answers

1. **10**
2. **75**
3. **9**
4. **24**
5. **12**
6. **12**