



Solve each problem.

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

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

How many different combinations could she make?

- 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
Long	Brown	Wizard
Curly	Green	Mage
Mowhawk		Thief
Short		Monk

How many different combinations do you have to choose from?

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

Paper	Sticker
Blue	Star
Red	Smile
Orange	

How many different combinations could she make?

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

Chips	Dip
Square	Bean
Scoop	Cheese
Triangle	Salsa

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

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

Salad	Dressing
Fruit	Ginger
Caesar	Ranch
Vegetable	Vinaigrette
Chef	French
Ham	

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

- 6) 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
Burrito	Milk
Hotdog	Juice
Pizza	Water
Hamburger	
Nachos	

How many different combinations does he have to choose from?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



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Food	Drink
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Nachos	

How many different combinations does he have to choose from?

**Answers**

1. **25**
2. **32**
3. **6**
4. **9**
5. **20**
6. **15**