

**Solve each problem.**

- 1) Faye was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Ranch
Fruit	Italian
Vegetable	Ginger
Caesar	
Chef	

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

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

Candy	Drink
Nerds	Soda
Taffy	Lemonade

How many different combinations could she make?

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

Pizza	Drink
Sausage	Milk
Cheese	Punch
Anchovies	
Pepperoni	
Bacon	

How many different combinations of pizza and drink do you have to choose from?

- 4) Frank was trying to decide what to wear for his first day of school. The clothes in his closet are listed below.

Shirt Color	Bottom
Blue	Khaki
White	Kilt
	Shorts

How many different outfits choices does he have?

- 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	Blue	Thief
Short	Blonde	Warrior
Curly	Black	Archer
Long	Brown	

How many different combinations do you have to choose from?

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

Chips	Dip
Oval	Bean
Square	Cheese
Triangle	Ranch
Round	
Scoop	

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. **15**
2. **4**
3. **10**
4. **6**
5. **48**
6. **15**