Identifying Combination Amounts

Name:

Solve each problem.

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

Chips	Dip
Round Scoop Square	Bean Salsa Onion

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

2) Sam 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 Yellow White Orange Blue	Pants Capri Kilt

How many different outfits choices does he have?

3) Nancy was allowed to pick one candy and one drink at a Halloween party. The types are listed below.

Candy	Drink
Nerds Taffy Toffee Jelly Beans	Kool-Aid Punch

How many different combinations could she make?

4) Paige was trying to decide which salad to order for lunch.

Salad	Dressing
Ham Fruit Caesar	Ranch Vinaigrette French

If each salad comes with 1 dressing, how many different combinations does she 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
Short Long Curly Spiky Mowhawk	Blonde Blue Green Brown Red	Thief Wizard Mage

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
Lemon Ice Cream Chocolate Marble Strawberry	Yellow Red White Pink Green	Yellow Pink Rainbow

How many different combinations can you choose from?

Answers

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

1-6	83	67	50	33	17	0

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Name: **Answer Key**

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Answers

1. 9
2. 15
3. 8
4. 9
5. 75
6. 75

1-6	83	67	50	33	17	0