Identifying Combination Amounts

Solve each problem.

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

Paper	Sticker
Blue	Balloon
Orange	Heart

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	Blue	Mage
Curly	Green	Thief
Spiky	Brown	Warrior
Short	Black	Monk
Mowhawk	Blonde	

How many different combinations do you have to choose from?

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

Candy	Drink
Chocolate	Kool-Aid
Nerds	Lemonade
Toffee	Juice
Taffy	

How many different combinations could she make?

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

Salad	Dressing
Vegetable	Italian
Chef	French
Caesar	Vinaigrette
Ham	Ranch
Fruit	Ginger

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

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

Cake	Icing	Sprinkles
Ice Cream	White	Yellow
Chocolate	Green	Purple

How many different combinations can you choose from?

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

Chips	Dip
Round	Salsa
Triangle	Onion
Scoop	Ranch
Square	

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

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1. _____ **4**

2. **100**

3. _____ **12**

4. _____ **25**

5. _____ **8**

6. _____ **12**

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