



Solve each problem.

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

Cake	Icing	Sprinkles
Strawberry	Purple	Green
Chocolate	Red	Purple
Lemon	Yellow	White
Vanilla	Pink	Pink
	White	

How many different combinations can you choose from?

- 2) Katie was trying to decide which salad to order for lunch.

Salad	Dressing
Vegetable	Ginger
Fruit	Italian
Caesar	
Ham	

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

- 3) 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
Curly	Green	Monk
Spiky	Black	Mage
	Blue	
	Blonde	
	Red	

How many different combinations do you have to choose from?

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

Paper	Sticker
Yellow	Star
Red	Balloon
Orange	Smile
	Thumbs up
	Heart

How many different combinations could she make?

- 5) Will 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	Capri
Orange	Kilt
	Khaki
	Shorts
	Pants

How many different outfits choices does he have?

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

Chips	Dip
Round	Salsa
Oval	Ranch
	Cheese
	Onion

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. 80
2. 8
3. 20
4. 15
5. 10
6. 8