



Solve each problem.

- 1) A video game lets you choose a character's hair style, hair color and their class. Their choices are listed below.

Hair Style	Hair Color	Class
Spiky	Green	Monk
Curly	Red	Thief
	Blue	Mage
	Blonde	Archer
	Black	

How many different combinations do you have to choose from?

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

Paper	Sticker
Red	Thumbs up
Yellow	Star
Blue	
Orange	
Green	

How many different combinations could she make?

- 5) Paul 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	Pants
Yellow	Capri
Orange	Kilt
Green	Shorts
White	Khaki

How many different outfits choices does he have?

- 2) At a summer camp a team can choose a name, a color and a mascot. The choices are listed below.

Name	Color	Mascot
Beta	White	Wolf
Alpha	Yellow	Pig
Epsilon	Black	Hawk
Gamma		Hornet
Delta		Lion

How many different combinations are there to choose from?

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

Salad	Dressing
Caesar	Italian
Chef	Vinaigrette
Vegetable	French
	Ginger
	Ranch

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

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

Chips	Dip
Square	Bean
Scoop	Cheese
Triangle	Ranch
Oval	
Round	

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. 40
2. 75
3. 10
4. 15
5. 25
6. 15