



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
Curly	Green	Warrior
Long	Brown	Archer
Mowhawk		Monk
Short		

How many different combinations do you have to choose from?

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

Salad	Dressing
Vegetable	Vinaigrette
Caesar	Ginger
	Ranch
	French

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

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

Candy	Drink
Jelly Beans	Soda
Chocolate	Punch
Toffee	Juice
Taffy	Lemonade
	Kool-Aid

How many different combinations could she make?

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

Shirt Color	Bottom
White	Pants
Orange	Shorts
Yellow	Kilt
	Capri

How many different outfits choices does he have?

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

Name	Color	Mascot
Beta	Pink	Shark
Epsilon	Red	Eagle
	Yellow	
	Black	

How many different combinations are there to choose from?

- 6) At a football game Cameron was allowed to get one type of food and one type of drink. The menu is shown below.

Food	Drink
Pizza	Punch
Nachos	Soda
	Juice

How many different combinations does he have to choose from?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



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Answers

1. 24
2. 8
3. 20
4. 12
5. 16
6. 6