



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
Marble	Green	Red
Ice Cream	Red	Pink
		White
		Green

How many different combinations can you choose from?

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

Salad	Dressing
Chef	Ranch
Ham	Italian
Vegetable	French
Fruit	Ginger

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
Spiky	Blonde	Monk
Short	Black	Warrior
Long	Brown	Mage
	Red	Archer

How many different combinations do you have to choose from?

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

Shirt Color	Bottom
Orange	Kilt
Yellow	Pants

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	White	Shark
Gamma	Red	Hawk
		Lion
		Hornet
		Wolf

How many different combinations are there to choose from?

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

Candy	Drink
Jelly Beans	Juice
Taffy	Punch
	Lemonade

How many different combinations could she make?

Answers

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



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Answers

1. 16
2. 16
3. 48
4. 4
5. 20
6. 6