

**Solve each problem.**

- 1) Victor 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	Shorts
Orange	Capri
Yellow	Pants
	Khaki

How many different outfits choices does he have?

- 2) Nancy was creating a card for her friend. She can use one paper colour and one sticker from the selection below.

Paper	Sticker
Orange	Smile
Yellow	Balloon
Red	Star
Green	Heart
Blue	

How many different combinations could she make?

- 3) At John's Pizza Palace you can order one type of pizza and one drink for £9. Their menu is shown below.

Pizza	Drink
Pepperoni	Soda
Bacon	Juice
Sausage	

How many different combinations of pizza and drink do you have to choose from?

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

Candy	Drink
Taffy	Lemonade
Chocolate	Soda

How many different combinations could she make?

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

Chips	Dip
Triangle	Salsa
Oval	Cheese
Round	

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

- 6) 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	Black	Monk
Long	Blonde	Archer
Curly		

How many different combinations do you have to choose from?