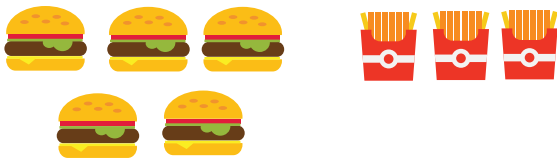After winning the SuperChef Jr. (Season 1), Roby is all set to open its own restaurant—Roby's Kitchen. As a promotional strategy, it would offer combos of items at a discounted prices.

Can you figure out the ratios of the items in the combos ?

Write down the ratios in the simplest form.
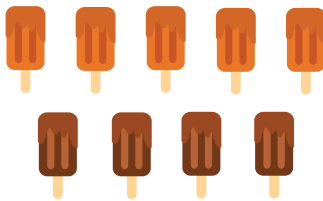
burgers : fries

Answer = 5 : 3

1
pizzas : ice creams

Answer = __3__ : __5__

2
orange bars : chocolate bars

Answer = __5__ : __4__

3
cupcakes : burgers

Answer = __2__ : __1__

4 Alex decides to buy three burgers and three ice creams, then he comes across an offer that says, "Buy 5 burgers, get 3 ic e creams free!"
How many more burgers should he buy to get the ice creams for free?

Answer = __2__

5 Roby sold a combo pack as shown below, in which the fries were given for free.
What is the ratio of the free items to the rest of the items?
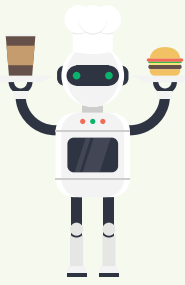
Answer = Number of items in the combo pack are 5 ice creams, 2 burgers and 1 fries pack. In total, 8 items. So, ratio of free items that is fries to the rest of the items is __1 : 7__
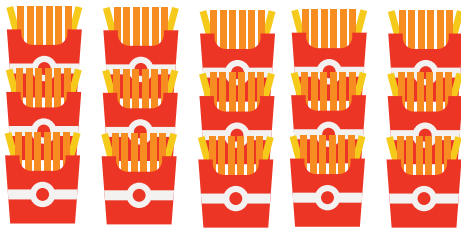
You have organized a pizza party to celebrate Roby, the RoboChef's win as the SuperChef Jr! You invite Roby and 6 other friends, making it a total of 8 people at the party.

Here are the items that were ordered.

How many slices of pizza are there? **3x8=24** _____

Now, based on the items on the table, answer the following questions:

1 If you want to serve 5 slices of pizza to everyone at the party, how many more pizzas do you need to order?

2 more pizzas to be ordered.

2 How many candies do you need to add so that everyone at the party gets 2 candies?

7 more candies to be added.

3 Roby says that the ratio of the fries: muffins = 15:25 , while Jeromy says that the ratio of fries : muffins = 3:5. Which of them is correct and why?

Both Roby and Jeromy are correct as 15:25 = 3:5.

4 How many packs of fries do you need to add/remove in order to make the ratio of pizzas : rest of the items = 1:20?

6 more packs of fries to be added.

5 If the ratio of number of muffins to people should be 4 : 1, how many more muffins do we need? **7**
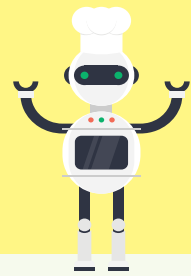
That's great! It's now time to enjoy the party!

You have helped Roby win the SuperChef Jr. competition.
Now, it is your turn to create a recipe of your own!

Recipe for a medium pizza

Here is the recipe for a medium pizza.
To make the pizza a bit spicier, you must abide by the following guidelines:

- Add some more jalapenos.
- Do not change the total number of toppings.
- For every jalapeno that you add, you need to remove one tomato slice.

Ingredients	Quantity
Flour	2 cups
Cheese	2 packets
Tomatoes	6
Jalapenos	6
Mushrooms	12
Olives	8

How many slices of tomatoes would you replace with jalapenos, if you need a 2:1 ratio of jalapenos to tomatoes?

2 tomatoes

As the demand is for cheesy pizzas, you'll have a new ratio of tomatoes : cheese as 1:3.

Recipe for a medium spicy pizza

Make your spicy, cheesy pizza based on the new ratios by listing down the ingredients and drawing your creation.

Ingredients	Quantity
Flour	2 cups
Cheese	12 packets
Tomatoes	4
Jalapenos	8
Mushrooms	12
Olives	8