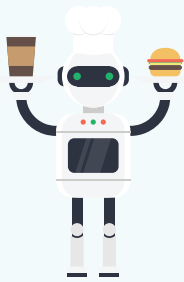




Learning Outcome:

Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

CCSS.MATH.CONTENT.6.RP.A.2

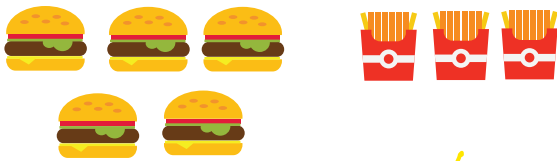


After winning the SuperChef Jr. (Season 1), Roby is all set to open its own restaurant—Roby's Kitchen. As a promotional strategy, it would offer combos of items at a discounted prices.

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

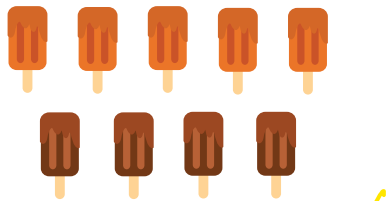
pizzas : ice creams



Answer = 3 : 5 ✓

2

orange bars : chocolate bars



Answer = 5 : 4 ✓

3

cupcakes : burgers



Answer = 4 : 2 ✓

4

Alex decides to buy three burgers and three ice creams, then he comes across an offer that says, "Buy 5 burgers, get 3 ice creams free!"

How many more burgers should he buy to get the ice creams for free?



Answer = 3:3

5-3
= 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?



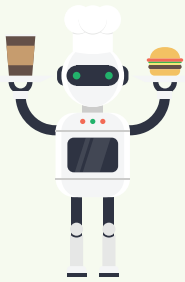
Answer = Number of items in the combo pack are 5 ice creams, 2 burgers and 1 fries pack. In total, 8 items. So, ratio of free items that is fries to the rest of the items is 1:7 ✓



Learning Outcome:

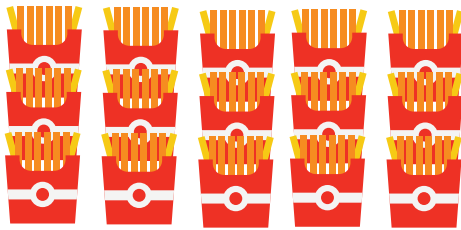
Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

CCSS.MATH.CONTENT.6.RP.A.2



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? 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

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

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?

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?

5

If the ratio of **number of muffins** to **people** should be 4 : 1, how many more muffins do we need? 23

That's great! It's now time to enjoy the party!

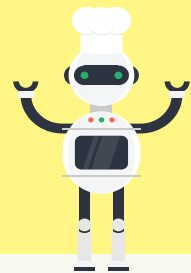


Learning Outcome:

To understand part-whole ratio and express it in the simplest form.

CCSS.MATH.CONTENT.6.EE.A.1

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?

$$9:2 = 2$$

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	2 packets
Tomatoes	6
Jalapenos	6
Mushrooms	12
Olives	8

