Name: _____   **Grade:** _____   **Score:** _____

Worksheet #5

Simplifying Ratio

MeandMath
BELIEVE YOURSELF

Learning goal: Students will be able to understand the language connecting with the concepts of ratio.

There are 80 cups and 100 plates in a kitchen. What is the simplest ratio of cups to plates?

Cups : Plates = 80 : 100 = 4 : 5

There are 28 rabbits and 42 squirrels in a park. What is the simplest ratio of rabbits to squirrels?

There are 55 fiction books and 77 non-fiction books in a library. What is the simplest ratio of fiction books to non-fiction books?

There are 81 pine trees and 108 oak trees in a forest. What is the simplest ratio of pine trees to oak trees?

There are 35 water bottles and 49 juice bottles on a shelf. What is the simplest ratio of water bottles to juice bottles?

There are 72 math books and 90 science books in a classroom. What is the simplest ratio of math books to science books?

There are 125 cookies and 175 cupcakes at a bakery. What is the simplest ratio of cookies to cupcakes?

There are 66 pineapples and 99 mangoes at a fruit stall. What is the simplest ratio of pineapples to mangoes?

There are 14 lemons and 21 limes in a basket. What is the simplest ratio of lemons to limes?

There are 30 buses and 42 cars in a parking lot. What is the simplest ratio of buses to cars?

Worksheet #5(Answers)

Simplifying Ratio

MeandMath
BELIEVE YOURSELF

Learning goal: Students will be able to understand the language connecting with the concepts of ratio.

There are 80 cups and 100 plates in a kitchen. What is the simplest ratio of cups to plates?

Cups : Plates = 80 : 100 = 4 : 5

There are 28 rabbits and 42 squirrels in a park. What is the simplest ratio of rabbits to squirrels?

Rabbits : Squirrels = 28 : 42 = 2 : 3

There are 55 fiction books and 77 non-fiction books in a library. What is the simplest ratio of fiction books to non-fiction books?

Fiction : Non-fiction = 55 : 77 = 5 : 7

There are 81 pine trees and 108 oak trees in a forest. What is the simplest ratio of pine trees to oak trees?

Pine : Oak = 81 : 108 = 3 : 4

There are 35 water bottles and 49 juice bottles on a shelf. What is the simplest ratio of water bottles to juice bottles?

Water : Juice = 35 : 49 = 5 : 7

There are 72 math books and 90 science books in a classroom. What is the simplest ratio of math books to science books?

Math : Science = 72 : 90 = 4 : 5

There are 125 cookies and 175 cupcakes at a bakery. What is the simplest ratio of cookies to cupcakes?

Cookies : Cupcakes = 125 : 175 = 5 : 7

There are 66 pineapples and 99 mangoes at a fruit stall. What is the simplest ratio of pineapples to mangoes?

Pineapples : Mangoes = 66 : 99 = 2 : 3

There are 14 lemons and 21 limes in a basket. What is the simplest ratio of lemons to limes?

Lemons : Limes = 14 : 21 = 2 : 3

There are 30 buses and 42 cars in a parking lot. What is the simplest ratio of buses to cars?

Buses : Cars = 30 : 42 = 5 : 7