

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Score: \_\_\_\_\_

## Worksheet #3



# Simplifying Ratio

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

There are 24 cars and 36 bikes in a parking lot. What is the simplest ratio of cars to bikes?

**Cars : Bikes = 24 : 36 = 2 : 3**

There are 100 pens and 125 pencils in a stationery shop. What is the simplest ratio of pens to pencils?

There are 27 roses and 45 tulips in a flower shop. What is the simplest ratio of roses to tulips?

There are 60 boys and 90 girls in a school. What is the simplest ratio of boys to girls?

There are 84 cricket bats and 126 footballs. What is the simplest ratio of cricket bats to footballs?

There are 110 ducks and 165 geese in a pond. What is the simplest ratio of ducks to geese?

There are 150 balloons and 200 ribbons at a party. What is the simplest ratio of balloons to ribbons?

There are 32 cakes and 40 pastries in a bakery. What is the simplest ratio of cakes to pastries?

There are 18 shirts and 24 pants in a store. What is the simplest ratio of shirts to pants?

There are 12 buses and 30 cars in a parking lot. What is the simplest ratio of buses to cars?

Name: \_\_\_\_\_

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## Worksheet #3(Answers)



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

There are 24 cars and 36 bikes in a parking lot. What is the simplest ratio of cars to bikes?

**Cars : Bikes = 24 : 36 = 2 : 3**

There are 100 pens and 125 pencils in a stationery shop. What is the simplest ratio of pens to pencils?

**Pens : Pencils = 100 : 125 = 4 : 5**

There are 27 roses and 45 tulips in a flower shop. What is the simplest ratio of roses to tulips?

**Roses : Tulips = 27 : 45 = 3 : 5**

There are 60 boys and 90 girls in a school. What is the simplest ratio of boys to girls?

**Boys : Girls = 60 : 90 = 2 : 3**

There are 84 cricket bats and 126 footballs. What is the simplest ratio of cricket bats to footballs?

**Bats : Footballs = 84 : 126 = 2 : 3**

There are 110 ducks and 165 geese in a pond. What is the simplest ratio of ducks to geese?

**Ducks : Geese = 110 : 165 = 2 : 3**

There are 150 balloons and 200 ribbons at a party. What is the simplest ratio of balloons to ribbons?

**Balloons : Ribbons = 150 : 200 = 3 : 4**

There are 32 cakes and 40 pastries in a bakery. What is the simplest ratio of cakes to pastries?

**Cakes : Pastries = 32 : 40 = 4 : 5**

There are 18 shirts and 24 pants in a store. What is the simplest ratio of shirts to pants?

**Shirts : Pants = 18 : 24 = 3 : 4**

There are 12 buses and 30 cars in a parking lot. What is the simplest ratio of buses to cars?

**Buses : Cars = 12 : 30 = 2 : 5**