

RATIOS

A ratio is a comparison between two quantities and can be written using a division symbol, a colon or the word “to”. Ratios are simplified just like fractions.

Write the following ratios and simplify. Do not write answers as mixed numbers.

1. Mr. Reeves planted 5 bean plants and 12 tomato plants in his garden. What is the ratio of bean plants to tomato plants?
2. In a recent year in Tennessee, there were 53 telephones for every 100 people. What was the ratio of phones to people?
3. In one season, a basketball team won 60 games and lost 20 games. What is the ratio of games won to games lost?
4. A mallard duck has 13 ducklings. Five of the ducklings are male. What is the ratio of male to female ducklings?
5. In a recent year in Illinois, there were 166 telephones for every 100 people. What is the ratio of phones to people?
6. Bebe paid \$8.00 for 20 pounds of oranges. What is the ratio of the price of oranges to the pound of oranges?

7. In one season, a basketball team won 60 games and lost 20 games. What is the ratio of games won to the total number of games?

8. Chuck's desk is 2 feet long and 14 inches wide, find the ratio of length to width.

9. There are 48 cups in three gallons of lemonade, find the ratio of cups per gallon

10. A ratio of $16 : 1$ is the same as the ratio of 64 to ____.