

Writing & Simplifying Ratios

Write a ratio and simplify the following ratios:

1. 12 boys for every 18 girls
2. 24 for every 6 dollars
3. 72 hours for every 3 days
4. 18 drinks cost \$27
5. 7 inches is 175 miles
6. Express each ratio as a fraction.
 - a. 3 to 4
 - b. 8 to 5
 - c. 9:13
 - d. 15:7
7. Express each ratio in simplest form.
 - a. 12 to 10
 - b. 24:36
 - c. $\frac{15}{18}$
8. A certain math test has 50 questions. The first 10 are true – false and the rest are matching. Find:
 - a. The ratio of true-false questions to matching questions.
 - b. The ratio of true-false questions to the total number of questions.
 - c. The ratio of the total number of questions to matching questions.

But before we move on, let me make a point. While ratios can be written like fractions and simplified like fractions, a ratio is NOT a fraction! A fraction is part of a unit. A ratio represents a comparison.

