Sixth Grade | Mathematics Common Core State Standards

Ratio & Proportional Relationships

1. Understand ratio concepts and use ratio reasoning to solve problems.

The Number System

2. Apply and extend previous understandings of multiplication and division to divide fractions by fractions.

3. Compute fluently with multi-digit numbers and find common factors and multiples.

4. Apply and extend previous understandings of numbers to the system of rational numbers.

Expressions & Equations

5. Apply and extend previous understandings of arithmetic to algebraic expressions.

6. Reason about and solve one-variable equations and inequalities.

7. Represent and analyze quantitative relationships between dependent and independent variables.

Geometry

8. Solve real-world and mathematical problems involving area, surface area, and volume.

Statistics & Probability

9. Develop understanding of statistical variability.

10. Summarize and describe distributions.