

Seventh Grade | Mathematics Common Core State Standards

Ratio & Proportional Relationships

1. Analyze proportional relationships and use them to solve real-world and mathematical problems.

The Number System

2. Apply and extend previous understandings of operations with fractions to add, subtract, multiply and divide rational numbers.

Expressions & Equations

3. Use properties of operations to generate equivalent expressions.
4. Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Geometry

5. Draw, construct, and describe geometrical figures and describe the relationships between them.
6. Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

Statistics & Probability

7. Use random sampling to draw inferences about a population.
8. Draw informal comparative inferences about two populations.
9. Investigate chance processes and develop, use, and evaluate probability models.

