

4th Grade | Mathematics Common Core State Standards

Operations and Algebraic Thinking

1. Use the four operations with whole numbers to solve problems.
2. Gain familiarity with factors and multiples.
3. Generate and analyze patterns.

Numbers and Operations in Base Ten

4. Generalize place value understanding for multi-digit whole numbers.
5. Use place value understanding and properties of operations to perform multi-digit arithmetic.

Numbers and Operations - Fractions

6. Extend understanding of fraction equivalence and ordering.
7. Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
8. Understand decimal notation for fractions, and compare decimal fractions.

Measurement and Data

9. Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
10. Represent and interpret data.
11. Geometric measurement: understand concepts of angle and measure angles.

Geometry

12. Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

