

Fourth Grade Math Standards

Place Value

- I can convert multi-digit whole numbers between forms.
- I can compare multi-digit whole numbers using $<$, $>$, and $=$ symbols.

Addition and Subtraction

- I can add multi-digit whole numbers using the standard algorithm to solve real-world problems.
- I can subtract multi-digit whole numbers using the standard algorithm to solve real-world problems.

Multiplication

- I can multiply multi-digit whole numbers.
- I can solve word problems involving multiplicative comparisons.

Division

- I can find the quotients of division problems with multi-digit whole-number dividends and single-digit whole-number divisors.
- I can solve division problems involving quotients with remainders.

Factors and Multiples

- I can find factor pairs and multiples of numbers under 100.

Equivalent Fractions

- I can generate equivalent fractions using models or diagrams.
- I can generate equivalent fractions arithmetically.
- I can compare fractions with different numerators and denominators.

Fraction Addition and Subtraction

- I can solve problems involving the addition and subtraction of fractions with like denominators.
- I can solve problems involving the addition and subtraction of mixed numbers with like denominators.

Fraction Multiplication

- I can solve problems involving the multiplication of fractions with whole numbers.

Decimal Fractions

- I can add fractions with unlike denominators that are powers of 10. ● I can convert between decimal values and fractions with denominators that are powers of 10.
- I can compare decimal values to hundredths.

Patterns

- I can analyze the features of numerical patterns.
- I can analyze the features of geometric patterns.

Measurement Conversions

- I can express measurements in a given unit in terms of a smaller unit within the same measurement system.
- I can solve problems involving measurements of length, mass, liquid volume, time, and money expressed in different units.

Area and Perimeter

- I can calculate perimeters, areas, and unknown side lengths of rectangles.
- I can solve problems involving the perimeter and area formulas for rectangles.

Two-Dimensional Figures

- I can classify two-dimensional figures according to the properties of their lines and angles.
- I can identify line symmetry and rotational symmetry in two-dimensional figures.
- I can describe rigid transformations of two-dimensional figures.

Angles

- I can identify the measure of a given angle.
- I can draw angles of a specified measure.
- I can calculate the measures of unknown angles.

Lines

- I can sketch points, lines, line segments, and rays.
- I can sketch parallel and perpendicular lines.