

Fifth Grade Math Standards

Multiplication and Division

- I can multiply multi-digit whole numbers using the standard algorithm.
- I can divide multi-digit whole numbers using strategies based on place value, the properties of operations, and the relationship between multiplication and division.
- I can use the properties of place value and multiples of 10 to simplify and solve problems.

Fraction Addition and Subtraction

- I can add and subtract fractions with unlike denominators using a diagram or model
- I can add and subtract fractions with unlike denominators arithmetically.

Fraction Multiplication

- I can multiply fractions by fractions using a diagram or model.
- I can multiply fractions by fractions arithmetically.
- I can compare the size of a product of fractions to its factors without calculating the product.

Fraction Division

- I can represent the quotient of two whole numbers as a fraction.
- I can divide a whole number by a unit fraction.
- I can divide a unit fraction by a whole number.

Decimal Place Values

- I can shift a decimal value in relation to its decimal point by multiplying or dividing it by a power of 10.
- I can compare decimal values.

Decimal Addition and Subtraction

- I can add and subtract decimal values.

Decimal Multiplication and Division

- I can multiply decimal values.
- I can divide decimal values.

Exponents

- I can evaluate whole numbers raised to whole-number powers. ● I can evaluate expressions involving whole-number powers of 10.

Numerical Expressions

- I can evaluate numerical expressions.
- I can write numerical expressions to represent verbal descriptions and word problems.

Numerical Patterns

- I can analyze the relationships between numerical patterns.
- I can use a coordinate plane to analyze the relationships between numerical patterns.

Measurement Conversions

- I can convert between measurement units within the US customary system.
- I can convert between measurement units within the metric system.

Volume

- I can determine the volume of right rectangular prisms by packing them with unit cubes.
- I can calculate the volume of right rectangular prisms arithmetically. ● I can calculate the volume of three-dimensional figures composed of right rectangular prisms.

Two-Dimensional Figures

- I can classify two-dimensional figures based on their properties. ● I can construct two-dimensional figures from a given set of properties.

Coordinate Plane

- I can graph points on a coordinate plane.
- I can use a coordinate plane to solve problems.