**Grade 5**

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| --- | --- | --- | --- | --- |
| **Number and Number Sense** | | | | |
| Decimal | Decimal point | Leading zero | Round | Number line |
| Whole number | Tenth | Hundredth | Thousandth | Equivalent |
| Fraction | Denominator | Numerator | Terminating Decimal | Repeating decimal |
| Proper fraction | Improper fraction | Mixed number | Factor | Greatest |
| Least | Greater than (>) | Less than (<) | Equal to (=) | Prime number |
| Composite number | Even number | Odd number | Sum | Difference |
| Prime factorization | Product | Quotient |  |  |

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| **Computation and Estimation** | | | | |
| Single-step problem | Multi-step problem | Problem solving strategy | Estimate | Sum |
| Difference | Product | Quotient | Whole number | Remainder |
| \*Commutative Property of Addition\* | \*Commutative Property of Multiplication\* | Factors | \*Identity Property of Addition\* | \*Identity Property of Multiplication\* |
| \*Associative Property of Addition\* | \*Associative Property of Multiplication\* | \*Distributive Property\* | Decimal | Fraction |
| Inverse | Reasonableness | Dividend | Divisor | Numerator |
| Denominator | Simplest Form | Simplest Equivalent Fraction | Greatest Common Factor | Common denominator |
| Mixed number | Whole number | Unit fraction | Multiplicative Inverse | Reciprocal |
| Expression | Variable | Grouping symbols | Order of Operations |  |

\*NOTE: Students should apply rules but not required to use the terms.

\*\*NOTE: Key word samples

**Grade 5 (continued)**

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| **Measurement and Geometry** | | | | |
| Plane figure | Two-dimensional shape | Closed | Area | Perimeter |
| Length | Surface | Square units | Volume | Three-dimensional figure |
| Capacity | Cubic units | Polygon | Line segment | Side |
| Linear unit | Right triangle | Right angle | Area | Base |
| Height | Rectangular Solid | Width | Diagonal | Leg |
| Congruent | Square | Point | Metric units | Millimeter |
| Centimeter | Meter | Kilometer | Weight | Mass |
| Gravity | Balances | Gram | Kilogram | U.S. Customary Unite |
| Ounces | Pounds | Liquid Volume | Milliliters | Liters |
| Circle | Diameter | Radius | Chord | Center |
| Circumference | Elapsed time | Hours | Minutes | Beginning time |
| Ending time | Angle | Acute angle | Right angle | Straight angle |
| Degrees | Rotation | Protractor/Angle Ruler | Angle ruler | Triangle |
| Right triangle | Acute triangle | Obtuse triangle | Scalene triangle | Isosceles triangle |
| Equilateral triangle | Hatch (hash) marks | Transformation | Preimage | Image |
| Translation | Reflection | Line of Reflection | Equidistant | Rotation |
| Center of Rotation | Composite figure |  |  |  |

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**Grade 5 (continued)**

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| **Probability and Statistics** | | | | |
| Probability | Favorable Outcome | Possible Outcomes | Event | Impossible |
| Certain | Unlikely | Equally Likely | Likely | Sample Space |
| Tree Diagram | Fundamental Counting Principle | Data | Line Plot | Stem-and-Leaf Plot |
| Ascending | Descending | Title | Inference | Frequency |
| Number Line | Prediction | Least | Greatest | Shape |
| Distribution | Key | Chart | Table | Comparison |
| Bar graph | Category | Scale | Mean | Median |
| Mode | Measure of Center | Fair Share | Range |  |

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| --- | --- | --- | --- | --- |
| **Patterns, Functions, and Algebra** | | | | |
| Pattern | Function | Numerical expression | Verbal expression | Variable |
| Equation | Algebraic expression |  |  |  |