**Grade 6**

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| --- | --- | --- | --- | --- |
| **Number and Number Sense** | | | | |
| Ratio | Colon | Fraction notation | Comparison | Part-to-whole |
| Part-to-part | Whole-to-whole | Part-to-part | Fraction | Mixed number |
| Decimal | Percent | Rational number | Greater than | Greater than or equal to |
| Equal to | Less than or equal to | Less than | Equivalent | Hundredth |
| Ascending | Descending | Proper fraction | Improper fraction | Terminating decimal |
| Repeating decimal | Integer | Absolute value | Negative integer | Positive integer |
| Distance | Exponent | Perfect square | Whole number |  |

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| --- | --- | --- | --- | --- |
| **Computation and Estimation** | | | | |
| Sum | Difference | Product | Quotient | Undefined |
| Order of operations | Grouping symbols | Properties of real numbers | Commutative Property of Addition | Commutative Property of Multiplication |
| Associative Property of Multiplication | Distributive Property | Identity Property of Addition (Additive Identity) | Identity Property of Multiplication (Multiplicative Identity) | Inverse Property of Addition (Additive Inverse) |
| Multiplicative Property of Zero | Substitution Property | Power of a number | Zero Power |  |

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

\*\*NOTE: Key word samples

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**Grade 6 (continued)**

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| --- | --- | --- | --- | --- |
| **Measurement and Geometry** | | | | |
| Pi | Ratio | Area | Circumference | Radius |
| Diameter | Perimeter | Circle | Rectangle | Square |
| Triangle | Base | Height | Non-overlapping | Coordinate plane |
| Point | Coordinate | Ordered pair | Perpendicular | Axes |
| Intersecting | Quadrants | Horizontal | Vertical | Regions |
| Counterclockwise | Origin | Polygon | Congruent | Polygon |
| Regular polygon | Interior angles | Line of Symmetry | Non-congruent |  |

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| --- | --- | --- | --- | --- |
| **Probability and Statistics** | | | | |
| Circle graph | Data | Part | Whole | Frequency |
| Percent | Category | Observation | Inference | Compare |
| Bar graph | Pictograph | Line plot | Categorical data | Numerical data |
| Title | Key | Scale | Prediction | Mean |
| Median | Mode | Measures of center | Data distribution | Balance point |

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**Grade 6 (continued)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Patterns, Functions, and Algebra** | | | | |
| Ratio | Proportion | Ratio Table | Unit rate | Proportional Relationship |
| Non-proportional relationship | Double number line diagrams | Linear equation | Expression | Variable expression |
| Verbal expression | Algebraic expression | Verbal sentence | Algebraic equation | Term |
| Coefficient | Equation | Variable | Solution | Properties of Real Numbers |
| Properties of equality | Commutative Property of Addition | Commutative Property of Multiplication | Identity Property of Addition (Additive Identity Property) | Identity Property of Multiplication (Multiplicative Identity Property) |
| Inverses | Inverse Property of Addition (Additive Inverse Property) | Inverse Property of Multiplication (Multiplicative Inverse Property) | Undefined | Additive Property of Equality |
| Subtraction Property of Equality | Multiplication Property of Equality | Division Property of Equality | Substitution Property | Solution set |
| Inequality | Greater than | Less than | Greater than or equal to | Less than or equal to |
| Linear inequality | Multiplicative Property of Zero | Addition Property of Inequality | Subtraction Property of Inequality |  |

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