

Mathematics Sixth Grade

Variability

Ratio and rates

Rational numbers

Expressions and equations

Data analysis

Measurement of objects

One-variable

Visual displays

Summary statistics

Coordinate plane

Area

Surface area

Volume

Equivalence

Whole number exponents

Order of operations

Variable

Independent and dependent variable

Solutions

Symbolic and graphic representations

Equations and inequalities

Flexibility, accuracy, & efficiency with operations

Representations of rational numbers

Whole numbers

Decimals

Fractions

Location in space

Absolute value

Percents

Unit rate

Equivalence

Part to part to whole

Least common multiple

Greatest common factor

Distributive property

Key:

Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them.

2. Reason abstractly and quantitatively.

3. Construct viable arguments and critique the reasoning of others.

4. Model with mathematics.

5. Use appropriate tools strategically.

6. Attend to precision.

7. Look for and make use of structure.

8. Look for and express regularity in repeated reasoning.