



## Sixth Grade Essential Skills for Math

### September

- I can use graphs, tables, charts, patterns, and rules to solve problems.
- I can locate rational numbers on a number line and plot pairs of numbers on a coordinate grid.
- I can compare positive rational numbers.

### October

- I can convert between fractions, decimals, and percents.
- I can find the greatest common factor and least common multiple of two numbers and use them to find equivalent fractions.
- I can convert between rational numbers involving exponents, mixed numbers and improper fractions.

### November

- I can solve word problems involving decimals, fractions, mixed numbers, ratios, and percents.
- I can use or demonstrate percents and ratios, find the percent of a number, and what percent one number is of another.
- I understand variables and how they are used in problems.
- I can use multiplication and division to solve ratio and rate problems.

### December

- I can solve equations and inequalities involving variables.

### January

- I can solve equations and inequalities involving variables.

### February

- I can find the area and perimeter of a variety of figures such as squares, rectangles, triangles, and parallelograms.

- I can estimate measurements using benchmarks in different measurement systems.

### **March**

- I can find the measurement of missing angles in triangles, other polygons, and when lines intersect.
- I can use a formula to find the total degree measures of different polygons.

### **April**

- I can determine the probability of an event and represent this as a fraction, decimal, and percent.
- I can determine and describe the difference between experimental and theoretical probability and use them to draw probability conclusions.

### **May**

- I can apply the standardized skills in real world problems.