

PREALGEBRA KEY OBJECTIVES
(Objectives in bold are on the quarterly assessments)

Quarter 1

Simplify expressions using the order of operations (no exponents)
Simplify variable expressions by combining like-terms
Solving one-step equations
Solving one-step inequalities
Perform integer operations
Round numbers
Using the properties of real numbers

Quarter 2

Add or subtract fractions
Multiply or divide fractions
Find the greatest common factor
Use the properties of exponents
Write numbers in scientific notation
Simplify fractions
Solve proportions
Find percent of change
Find unit rates

Quarter 3

Solve 2-step equations
Solve 2-step inequalities
Transform a formula
Calculate simple interest
Use the distributive property
Plotting points in the coordinate plane
Calculate the slope given a graph or 2 points
Identify correlation in scatter plot

Quarter 4

Identify special pairs of angles formed by right angles
Identify measurements of complementary and supplementary angles
Find the measures of congruent angles
Find the area of a circle, triangle and trapezoid
Find the volume of a cylinder and a sphere
Find the surface area of a cylinder and a sphere
Find the mean, median, and mode
Find probability