

"I can" Statements for 7th Grade Math
Mrs. Jackson

- I can identify variable and numerical expressions and write using word phrases.
- I can follow order of operations to solve expressions.
- I can write and evaluate variable expressions.
- I can represent, graph, and order integers and their absolute values.
- I can add, subtract, multiply, and divide integers.
- I can graph and identify ordered pairs on a coordinate plane.
- I can identify and correspond properties of numbers
- I can use distributive property to simplify and solve expressions.
- I can simplify variable expression by adding and subtracting like terms.
- I can solve one step equations using inverse operations.
- I can solve and graph inequalities on a number line, and solve and graph one step inequalities using inverse operations.
- I can round and estimate numbers, products and quotients of numbers.
- I can find mean, median, and mode and relate them to real world situations.
- I can use formulas to solve everyday problems.
- I can use divisibility rules to identify factors of numbers.
- I can use exponents to simplify repeated multiplication.
- I can use prime factorization to solve problems finding the Greatest Common Factor.
- I can simplify fractions using greatest common factor and apply to real life situations.
- I can use exponents to simplify multiplication and division problems.
- I can use scientific notation and standard form numbers, to express large quantities.
- I can compare and order rational numbers and find the least common multiple to help me find common denominators.
- I can express the relationship between fractions and decimals and how they relate.
- I can add, subtract, multiply and divide fractions using the rules of common denominator when needed.
- I can solve one step equations involving fractions, using inverse operations.
- I can express products and quotients of powers.
- I can express ratios and unit rates and write unit rates using real world examples.
- I can write and solve proportions using real world examples.
- I can find theoretical and experimental probability and odds.
- I can find probability of compound events.
- I can use a table and tree diagram to show probability.
- I can express the relationships between fractions, decimals, and percents.

- I can set up and solve proportions involving percents as they relate to the real world.
- I can set up and solve percents in relationship to equations and percent proportions.
- I can set up and find percent of change as it relates to proportions and the real world.
- I can set up and find Markup and Discounts as they relate to proportions and the real world.
- I can set up and solve 2 step equations using inverse operations.
- I can set up and solve 4 step equations using inverse operations, distributive property and combining like terms.
- I can set up and solve 4 step equation involving fractions and decimals using inverse operations.
- I can set up and solve 2 step inequalities and translate them into a graph.
- I can identify functions using an equation and a graph.
- I can set up and solve equations with variables on both sides of the equation, using inverse operations.
- I can use a formula, equation or a graph to identify slope of a line.
- I can solve a system of equations using graphing on a coordinate plane.
- I can solve a system of inequalities using graphing on a coordinate plane.
- I can identify and represent basic geometry terms and ideas.
- I can identify and draw vertical, supplementary, complementary angles.
- I can show relationships between angles and their values and size.
- I can classify polygons by their shape and size.
- I can show congruence of triangles using congruence patterns.
- I can make scale drawings using a scale factor.
- I can identify parts of a circle and show the relationship between the circumference and its radius and diameter.
- I can find area of parallelograms, triangles, trapezoids and circles.
- I can relate the area of polygons to its parts.
- I can distinguish between the similarities and differences of space figures and identify them by their parts.
- I can find surface area of prisms, cylinders, pyramids, cones, and spheres.
- I can use 3 dimensional objects to relate to the world around me.
- I can find volume of prisms, cylinders, pyramids, cones, and spheres.
- I can relate volume of 3D objects to the world around me.
- I can understand and use random samples to represent a population.