Algebra						
Computation and Operation	**Data Analysis, Statistics, Probability**	**Reasoning, Problem Solving**	**Measurement, Time and Money**	**Number Sense**	**Patterns, Functions and Algebra**	**Spatial Sense and Geometry**
___ I can check solutions and solve equations using mental math.	___ I can use tables to organize data.	___ I can draw a diagram to help understand real-life problems.		___ I can evaluate expressions containing exponents.	___ I can evaluate a variable expression.	___ I can use numbers to identify and measure objects
___ I can add real numbers using a number line or addition rules.	___ I can identify a function and make an input-output table for a function.			___ I can use exponents in real-life problems.	___ I can write a variable expression that models a real-life situation.	___ I can identify polygons and parts of polygons
___ I can subtract real numbers using the subtraction rule.	___ I can graph and compare real numbers on a number line.			___ I can use the order of operation to evaluate algebraic expressions.	___ I can translate verbal phrases into algebraic expressions.	___ I can discover properties of polygons
___ I can divide real numbers.	___ I can organize data in a matrix.			___ I can find the opposite and absolute value of a number.	___ I can use a verbal model to write an algebraic equation or inequality.	___ I can simplify expression in geometry
___ I can solve real-life problems that contain decimals.	___ I can add or subtract 2 matrices.			___ I can simplify expressions by combining like terms.	___ I can use division to simplify algebraic expressions.	___ I can plot points in a coordinate plane
	___ I can use the distributive property.				___ I can solve linear equations using addition and subtraction.	___ I can use a coordinate plan to represent data graphically.
	___ I can find the probability of an event.				___ I can solve linear equations using multiplication and division.	___ I can use equations to model problems in geometry
	___ I can find the odds of an event.				___ I can use 2 or more transformations to solve an equation.	___ I can use simple geometric figures to estimate area
	___ I can use tables and graphs to check my work.				___ I can collect variables on one side of an equation.	___ I can estimate more complicated areas
	___ I can make and use a stem-and-leaf plot to put data in order.				___ I can find an exact and approximate solutions of equations that contain decimals.	___ I can estimate the length of the third side of a triangle by using Triangle Inequality.

Algebra						
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	___ I can find the mean, median and mode of data.				___ I can solve a formula for one of its variables.	___ I can tell whether 3 numbers can be the lengths of the sides of a triangle.
	___ I can draw a box-and-whisker plot to organize data.				___ I can rewrite an equation in function form.	___ I can use the Pythagorean Theorem to solve for the length of a side of a right triangle.
	___ I can read and interpret a box-and-whisker plot of data.				___ I can find the intercepts of the graph of a linear equation.	___ I can use Pythagorean Theorem to measure indirectly.
					___ I can identify when a relation is a function.	___ I can identify points, lines, and planes.
					___ I can solve a linear equation graphically.	___ I can use a protractor to measure an angle.
					___ I can graph and interpret equations in slope-intercept form.	___ I can identify angles formed when 2 parallel lines intersect a third.
					___ I can graph a linear equation in slope-intercept form.	___ I can identify line symmetry.
					___ I can use intercepts to make a quick graph of a linear equation.	___ I can classify triangles by their sides.
					___ I can find the slope of a line using two of its points.	___ I can identify quadrilaterals.
					___ I can interpret slope as a rate of change in real-life situation.	___ I can recognize congruent polygons.
					___ I can write linear equation that represent direct variation.	___ I can identify interior and exterior angles of a polygon.

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					___ I can use a ratio to write an equation for direct variation.	___ I can compare side lengths and angles measures of a triangle.
					___ I can use the slope-intercept form to write an eqaution of a line.	___ I can find angle measures of an isosceles triangle.
					___ I can model real-life situations with a linear function.	___ I can identify angles.
					___ I can use slope and any point on a line to write an equation of a line.	___ I can find the measures of the angles of a polygon.
					___ I can use a linear model to make predictions.	___ I can identify regular polygons.
					___ I can write an equation of a line given two points on the line.	___ I can classify triangles by their angles.
					___ I can use a linear equation to model a real-life situation.	___ I can identify rotational symmetry.
					___ I can find a linear equation that approximates a set of data points.	___ I can calculate the area of a parallelogram and trapezoid.
					___ I can determine whether there is a positive or negative correlation or no correlation in a set of data.	___ I can use area and perimeter to solve real-life problems.
					___ I can use point-slope form to write an equation of a line.	___ I can determine if 2 figures are congruent.
					___ I can use point-slope form to model a real-life situation.	___ I can reflect a figure on a line.

Algebra						
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					___ I can write a linear equation in standard form.	___ I can interpret the slope of a line.
					___ I can use standard form of an equation to model real-life situations.	___ I can describe a rotation around a point.
					___ I can determine if a linear model is appropriate.	___ I can use properties of reflections to answer about real-life situations.
					___ I can use a linear model to make predictions.	___ I can translate a figure in a plane.
					___ I can graph linear inequalities in one variable.	___ I can rotate a figure on a coordinate plane.
					___ I can solve one-step linear inequalities.	___ I can recognize similar figures.
					___ I can solve multi-step linear equalities.	___ I can represent translations in a coordinate plane.
					___ I can use linear inequalities to model and solve real-life problems.	___ I can compare perimeter and areas of similar figures.
					___ I can write, solve, and graph compound inequalities.	___ I can find trigonomic ratios.
					___ I can model a real-life situation with a compound inequality.	___ I can use Pythagorean Theorem to calculate trigonomic ratios.
					___ I can solve absolute-value equations.	___ I can use trigonomic ratios to solve right triangles.

Algebra						
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					___ I can solve absolute-value inequalities.	___ I can use trigonomic ratios to solve real-life problems.
					___ I can graph a linear inequality in two variables.	___ I can calculate circumference of a circle.
					___ I can model a real-life situation using a linear inequality in two variables.	___ I can calculate area of a circle.
					___ I can solve a system of linear equations by graphing.	___ I can build and describe polyhedrons.
					___ I can use linear substitution to solve a system of linear equations.	___ I can identify and draw solids.
					___ I can use linear combinations to solve a system of linear equations.	___ I can calculate surface area of a prism and cylinder.
					___ I can choose the best method to solve a system of linear equations.	___ I can use surface area to solve real-life problems.
					___ I can use a system to model real-life problems.	___ I can calculate the volume of a prism.
					___ I can identify linear systems as having one solution, no solution, or infinitely many solutions.	___ I can use volume to solve real-life problems.
					___ I can solve a system of linear inequalities by graphing.	___ I can calculate the volume of a cylinder.

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					___ I can use a system of linear inequalities to model a real-life situation.	___ I can use volume to solve real-life problems.
					___ I can use properties of exponents to multiply exponential expressions.	___ I can calculate the volume of a pyramid and a cone.
					___ I can evaluate powers that have zero and negative exponents.	___ I can calculate complicated volume.
					___ I can graph exponential functions.	___ I can calculate the volume of a sphere.
					___ I can use the division properties of exponents to evaluate powers and simplify expressions.	___ I can use the volume of a sphere to solve real-life problems.
					___ I can use division property of exponents to find the probability.	___ I can explore ratios of similar figures.
					___ I can use scientific notation to represent numbers.	
					___ I can use scientific notation to describe real-life situations.	
					___ I can write and use models for exponential growth.	
					___ I can graph models for exponential growth.	
					___ I can write and use models for exponential decay.	

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					___ I can graph models for exponential decay.	
					___ I can solve equations containing square roots.	
					___ I can simplify radicals.	
					___ I can find the Axis of Symmetry.	
					___ I can graph quadratic equations.	
					___ I can solve quadratic equations using the quadratic formula.	
					___ I can find discriminate to find number of possible solution.	
					___ I can graph quadratic inequalities.	
					___ I can compare linear, exponential and quadratic graphs.	
					___ I can add and subtract polynomials.	
					___ I can use polynomials to solve real-life problems.	
					___ I can multiply 2 polynomials.	
					___ I can use polynomials to solve real-life problems.	

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					___ I can use special product patterns for the product of a sum and a difference, and for the square of a binomial.	
					___ I can solve a polynomial equation in factored form.	
					___ I can relate factors and x-intercepts.	
					___ I can factor a quadratic expression in standard form.	
					___ I can solve quadratic equations by factoring.	
					___ I can factor a quadratic expression in standard form.	
					___ I can solve quadratic equations by factoring.	
					___ I can use special product patterns to factor quadratic polynomials.	
					___ I can solve quadratic equations by factoring.	
					___ I can use the distributive property to factor a polynomial.	
					___ I can solve quadratic equations by factoring.	
					___ I can solve proportions.	

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					___ I can use proportions to solve real-life problems.	
					___ I can use equations to solve percent problems.	
					___ I can use percents in real-life problems.	
					___ I can use direct and inverse variations.	
					___ I can use direct and inverse variations to model real-life situations.	
					___ I can simplify a rational expression.	
					___ I can use rational expressions to find geometric probability.	
					___ I can multiply and divide rational expressions.	
					___ I can use rational expressions as real-life models.	
					___ I can add and subtract rational expressions that have like denominators.	
					___ I can add and subtract rational expressions that have unlike denominators.	

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					___ I can divide a polynomial by a monomial or by a binomial factor.	
					___ I can use polynomial long division.	
					___ I can solve rational equations.	
					___ I can graph rational functions.	
					___ I can evaluate and graph a function involving square roots.	
					___ I can add, subtract, multiply and divide radical expressions.	
					___ I can solve a radical equation.	
					___ I can solve a quadratic equation by completing the square.	
					___ I can choose a method for solving a quadratic equation.	
					___ I can use the Pythagorean Theorem and its converse.	
					___ I can use the Pythagorean Theorem and its converse in real-life problems.	
					___ I can find the distance between 2 points in a coordinate plane.	

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					___ I can find the midpoint of 2 points in a coordinate plane.	
					___ I can use sine, cosine, and tangent of an angle.	
					___ I can use ergonomic ratios in real-life situations.	
					___ I can use logical reasoning and proof to prove a statement Is true.	
					___ I can prove that a statement is false.	