

Grade 6 Mathematics

Reporting Category	Content Complexity 1 - Recall 2 - Basic applications of skills and concepts 3 - Strategic thinking and complex reasoning	Standard Grouping	% of FSA Test	MFAS
Ratio & Proportional Relationships	2	MAFS.6.RP.1.1	15%	<ul style="list-style-type: none"> • Writing Ratios • Interpreting Ratios • Comparing Time • Comparing Rectangles
	2	MAFS.6.RP.1.2		<ul style="list-style-type: none"> • Writing Unit Rates • Identifying Unit Rates • Explaining Rates • Book Rates
	2	MAFS.6.RP.1.3		<ul style="list-style-type: none"> • Finding the Whole • Measurement Conversion • Comparing Rates • Homework Time • Making Coffee • Sara's Hike • Party Punch – Compare Ratios • Bargain Breakfast • The Meaning of Pi
Expressions & Equations	1	MAFS.6.EE.1.1	30%	<ul style="list-style-type: none"> • Cube House • Exponent Priorities • Paul's Pennies • Evaluating Exponents
	2	MAFS.6.EE.1.2		<ul style="list-style-type: none"> • Substitution Resolution • Parts of Expressions • Writing Expressions
	1	MAFS.6.EE.1.3		<ul style="list-style-type: none"> • Generating Equivalent Expressions • Equal Sides, Equivalent Expressions • Associative and Commutative Expressions
	2	MAFS.6.EE.1.4		<ul style="list-style-type: none"> • Property Combinations • Equivalent Expressions • Equivalent Exponents

				<ul style="list-style-type: none"> • Identifying Equivalent Expressions
	2	MAFS.6.EE.2.5		<ul style="list-style-type: none"> • Finding Solutions of Inequalities • Solutions of Inequalities • Solutions of Equations • Finding Solutions of Equations
	3	MAFS.6.EE.2.6		<ul style="list-style-type: none"> • Writing Real-World Expressions • Gavin's Pocket • Inventing X
	2	MAFS.6.EE.2.7		<ul style="list-style-type: none"> • Equally Driven • Center Section • Solar Solutions • University Parking
	2	MAFS.6.EE.2.8		<ul style="list-style-type: none"> • Transportation Number Lines • Rational Number Lines • Roadway Inequalities • Acres and Altitudes
	2	MAFS.6.EE.3.9		<ul style="list-style-type: none"> • Table To Equation • Analyzing The Relationship • Bicycling Equations • Grinding Equations
Geometry	2	MAFS.6.G.1.1	15%	<ul style="list-style-type: none"> • Swimming Pool Walkway • Lost Key • Area of Quadrilaterals • Area of Kite • Area of Triangles
	2	MAFS.6.G.1.2		<ul style="list-style-type: none"> • Prism Packing • Clay Blocks • Moving Truck • Bricks
	2	MAFS.6.G.1.3		<ul style="list-style-type: none"> • Polygon Grid • Polygon Coordinates • Fence Length • Patio Area
	2	MAFS.6.G.1.4		<ul style="list-style-type: none"> • Windy Pyramid • Rust Protection • Pyramid Project • Skateboard Ramp
Statistics & Probability	1	MAFS.6.SP.1.1	19%	<ul style="list-style-type: none"> • Questions About a Class

				<ul style="list-style-type: none"> • TV Statistics • Math Test Center • Pet Frequency • Math Test Spread • Math Test Shape
	2	MAFS.6.SP.1.2		
	1	MAFS.6.SP.1.3		<ul style="list-style-type: none"> • Explain Measures of Variability • Explain Measures of Center • Compare Measures of Center and Variability
	2	MAFS.6.SP.2.4		<ul style="list-style-type: none"> • Shark Attack Data • Chores Data • Basketball Histogram
	3	MAFS.6.SP.2.5		<ul style="list-style-type: none"> • Quiz Mean and Deviation • Florida Lakes • Select the Better Measure • Analyzing Physical Activity
The Number System	2	MAFS.6.NS.1.1		<ul style="list-style-type: none"> • Models of Fraction Division • Fraction Division • Contextualizing Fractions Division • Juicing Fractions
	1	MAFS.6.NS.2.2		<ul style="list-style-type: none"> • Long Division – 1 • Long Division – 2 • Long Division – 3
	1	MAFS.6.NS.2.3		<ul style="list-style-type: none"> • Multiplying Multidigit Decimals • Subtracting Mutidigit Decimals • Adding Multidigit Decimals • Dividing Multidigit Decimals
	2	MAFS.6.NS.2.4		<ul style="list-style-type: none"> • Exile of Common Factors • Least Common Multiples • Greatest Common Factors
	2	MAFS.6.NS.3.5		<ul style="list-style-type: none"> • Relative Fractions • Relative Integers • Relative Decimals • Rainfall Change
	2	MAFS.6.NS.3.6		<ul style="list-style-type: none"> • Graphing Points in the Plane • Graphing on a Cartesian Plane • What is the Opposite? • Explaining Opposites • Point Locations
			21%	

	2	<u>Also Assesses MAFS.6.NS.3.8</u>	<ul style="list-style-type: none"> • <u>Locating Quadrants</u> • <u>Graphing Points on the Number Line</u>
	2	<u>MAFS.6.NS.3.7</u>	<ul style="list-style-type: none"> • <u>Garden Area</u> • <u>Determine the Distance</u> • <u>Garden Coordinates</u> • <u>Bike Lot Coordinates</u> • <u>South Pole</u> • <u>Visualizing Absolute Values</u> • <u>Submarines</u> • <u>Positions of Numbers</u> • <u>Absolute Attitudes</u>