



A National Partnership between the
University of Wisconsin System
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Math Fundamentals Blueprint

	Objective	% of Scale
ARITHMETIC	Integer Arithmetic	5%
	Rational and Decimal Arithmetic	10%
	Introducing Algebraic Skills	10.0%
ALGEBRA	Simplifying Algebraic Expressions	10.0%
	Factoring Algebraic Expressions	7.5%
	Linear and Quadratic Equations	10.0%
	Linear Inequalities	5.0%
	Introduction to Solving Rational and Radical Equations	5.0%
	Functions	7.5%
	Solving Literal Equations	5.0%
GEOMETRY	Plane Geometry	10.0%
	Three-Dimensional Geometry	5.0%
	Geometric Relationships	10.0%



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Advanced Algebra Blueprint

	Objective	% of Scale
ALGEBRA	Graphs and Systems on Linear Equations	3.0%
	Simplifying Expressions	3.0%
	Quadratics	12.0%
GEOMETRY	Geometric Relationships	3.0%
	Circles and Other Conics	12.0%
ADVANCED ALGEBRA	Radicals and Fractional Exponents	8.0%
	Absolute Value and Inequalities	8.0%
	Functions	20.0%
	Exponentials and Logarithms	15.0%
	Complex Numbers and Theory of Equations	8.0%
	Applications	8.0%



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Trigonometry Blueprint

	Objective	% of Scale
TRIGONOMETRY	Basic Trigonometry Definitions	30.0%
	Identities	20.0%
	Triangles	10.0%
	Graphs	10.0%
GEOMETRY	Circles	15.0%
	Triangles	10.0%
	Parallel/Perpendicular Lines	5.0%