Name _____

Due Date	Title	PRETEST	LEARN IT	TRY IT	REVIEW IT	TEST IT	POSTTEST
	1. Simplifying Expressions	☐	☐	☐	☐	☐	☐ ☐ ☐
	Operations on Rational and Irrational Numbers		☐	☐	☐	☐ ☐ ☐	
	Laws of Exponents		☐	☐	☐	☐ ☐ ☐	
	Formulating and Simplifying Algebraic Expressions		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Rational and Irrational Numbers		☐	☐	☐	☐ ☐ ☐	
	2. Equations and Inequalities	☐	☐	☐	☐	☐	☐ ☐ ☐
	One-Step Equations and Inequalities		☐	☐	☐	☐ ☐ ☐	
	Multi-Step Equations and Inequalities		☐	☐	☐	☐ ☐ ☐	
	Literal Equations		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Solving Multiplication Equations		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Solving Addition Equations		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Solving Linear Equations		☐	☐	☐	☐ ☐ ☐	
	3. Functions	☐	☐	☐	☐	☐	☐ ☐ ☐
	Functions and Relations		☐	☐	☐	☐ ☐ ☐	
	Domain and Range		☐	☐	☐	☐ ☐ ☐	
	Multiple Representations of Functions		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Relations and Functions		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Exponential Functions		☐	☐	☐	☐ ☐ ☐	
	4. Points, Lines, and Angles	☐	☐	☐	☐	☐	☐ ☐ ☐
	Parallel Lines and Angle Relationships		☐	☐	☐	☐ ☐ ☐	
	Perpendicular Bisector and Angle Bisector Theorems		☐	☐	☐	☐ ☐ ☐	
	Conjectures in Coordinate Geometry		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Points, Rays, Line Segments, Lines, and Figures		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Midpoint Formula on the Coordinate Plane		☐	☐	☐	☐ ☐ ☐	

Due Date	Title	PRETEST	LEARN IT	TRY IT	REVIEW IT	TEST IT	POSTTEST
	5. Conic Sections	☐	☐	☐	☐	☐	☐ ☐ ☐
	Circles		☐	☐	☐	☐ ☐ ☐	
	Parabolas		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Length and the Distance Formula		☐	☐	☐	☐ ☐ ☐	
	6. Geometric Transformations	☐	☐	☐	☐	☐	☐ ☐ ☐
	Transformations on the Coordinate Plane		☐	☐	☐	☐ ☐ ☐	
	Dilations, Translations, Rotations, and Reflections		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Basics of Transformations		☐	☐	☐	☐ ☐ ☐	
	7. Congruence and Similarity	☐	☐	☐	☐	☐	☐ ☐ ☐
	Triangles and Congruence Transformations		☐	☐	☐	☐ ☐ ☐	
	Triangles and Similarity Transformations		☐	☐	☐	☐ ☐ ☐	
	Similarity of Other Polygons		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Dilations, Translations, Rotations, and Reflections		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Transformations on the Coordinate Plane		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Similarity and Dilations		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Congruence of Other Polygons		☐	☐	☐	☐ ☐ ☐	
	8. Triangles and Quadrilaterals	☐	☐	☐	☐	☐	☐ ☐ ☐
	Triangle Angle Theorems		☐	☐	☐	☐ ☐ ☐	
	Triangle Bisectors		☐	☐	☐	☐ ☐ ☐	
	Medians and Altitudes of Triangles		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Parallel Lines and Angle Relationships		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Perpendicular Bisector and Angle Bisector Theorems		☐	☐	☐	☐ ☐ ☐	
	9. Quadrilaterals and Constructions	☐	☐	☐	☐	☐	☐ ☐ ☐
	Parallelograms and Rectangles		☐	☐	☐	☐ ☐ ☐	
	Squares and Rhombi		☐	☐	☐	☐ ☐ ☐	
	Constructions		☐	☐	☐	☐ ☐ ☐	
	Supporting topic: Parallel Lines and Angle Relationships		☐	☐	☐	☐ ☐ ☐	

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	Supporting topic: Perpendicular Bisector and Angle Bisector Theorems		☐	☐	☐	☐☐☐	
	Supporting topic: Polygon Basics		☐	☐	☐	☐☐☐	
	10. Right Triangles and Trigonometry	☐	☐	☐	☐	☐	☐☐☐
	The Pythagorean Theorem		☐	☐	☐	☐☐☐	
	Trigonometric Ratios		☐	☐	☐	☐☐☐	
	Supporting topic: Medians and Altitudes of Triangles		☐	☐	☐	☐☐☐	
	Supporting topic: The Pythagorean Theorem		☐	☐	☐	☐☐☐	
	11. Trigonometry	☐	☐	☐	☐	☐	☐☐☐
	Radians and the Unit Circle		☐	☐	☐	☐☐☐	
	Trigonometric Functions		☐	☐	☐	☐☐☐	
	Supporting topic: Trigonometric Ratios		☐	☐	☐	☐☐☐	
	Supporting topic: Circumference and Arc Length		☐	☐	☐	☐☐☐	
	12. Circles 1	☐	☐	☐	☐	☐	☐☐☐
	Circle Basics		☐	☐	☐	☐☐☐	
	Central Angles, Inscribed Angles, and Chords		☐	☐	☐	☐☐☐	
	Supporting topic: Circles		☐	☐	☐	☐☐☐	
	13. Circles 2	☐	☐	☐	☐	☐	☐☐☐
	Secants, Angles, and Intercepted Arcs		☐	☐	☐	☐☐☐	
	Tangents, Angles, and Intercepted Arcs		☐	☐	☐	☐☐☐	
	Supporting topic: Central Angles, Inscribed Angles, and Chords		☐	☐	☐	☐☐☐	
	Supporting topic: Circles		☐	☐	☐	☐☐☐	
	Supporting topic: Circle Basics		☐	☐	☐	☐☐☐	
	14. Advanced Circle Properties	☐	☐	☐	☐	☐	☐☐☐
	Congruent and Similar Circles		☐	☐	☐	☐☐☐	
	Circumference and Arc Length		☐	☐	☐	☐☐☐	
	Area of Circles and Sectors		☐	☐	☐	☐☐☐	
	Supporting topic: Circles		☐	☐	☐	☐☐☐	
	Supporting topic: Circle Basics		☐	☐	☐	☐☐☐	

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	15. Exponential Functions, Equations, and Inequalities	☐	☐	☐	☐	☐	☐☐☐
	Exponential Functions		☐	☐	☐	☐☐☐	
	Exponential Growth and Decay		☐	☐	☐	☐☐☐	
	Solving Exponential Inequalities		☐	☐	☐	☐☐☐	
	Supporting topic: Laws of Exponents		☐	☐	☐	☐☐☐	
	Supporting topic: Domain and Range		☐	☐	☐	☐☐☐	
	Supporting topic: Graphs of Linear Inequalities		☐	☐	☐	☐☐☐	
	16. Arithmetic on Polynomial Expressions 1	☐	☐	☐	☐	☐	☐☐☐
	Polynomial Basics		☐	☐	☐	☐☐☐	
	Addition and Subtraction of Polynomials		☐	☐	☐	☐☐☐	
	Supporting topic: Formulating and Simplifying Algebraic Expressions		☐	☐	☐	☐☐☐	
	17. Arithmetic on Polynomial Expressions 2	☐	☐	☐	☐	☐	☐☐☐
	Multiplication of Polynomials		☐	☐	☐	☐☐☐	
	Arithmetic Operations on Functions		☐	☐	☐	☐☐☐	
	Supporting topic: Formulating and Simplifying Algebraic Expressions		☐	☐	☐	☐☐☐	
	18. Factoring	☐	☐	☐	☐	☐	☐☐☐
	Factoring Quadratic Trinomials		☐	☐	☐	☐☐☐	
	Factoring Special Cases		☐	☐	☐	☐☐☐	
	Supporting topic: Multiplication of Polynomials		☐	☐	☐	☐☐☐	
	19. Complex Numbers	☐	☐	☐	☐	☐	☐☐☐
	Complex Numbers		☐	☐	☐	☐☐☐	
	Polynomial Identities and Complex Numbers		☐	☐	☐	☐☐☐	
	Supporting topic: Multiplication of Polynomials		☐	☐	☐	☐☐☐	
	Supporting topic: Addition and Subtraction of Polynomials		☐	☐	☐	☐☐☐	
	20. Representations of Quadratic Functions	☐	☐	☐	☐	☐	☐☐☐
	Quadratic Functions		☐	☐	☐	☐☐☐	
	Analyzing Graphs of Quadratic Functions		☐	☐	☐	☐☐☐	

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	Representations of Quadratic Functions		☐	☐	☐	☐☐☐	
	Supporting topic: Transformations of the Quadratic Parent Function		☐	☐	☐	☐☐☐	
	Supporting topic: Domain and Range		☐	☐	☐	☐☐☐	
	Supporting topic: Completing the Square		☐	☐	☐	☐☐☐	
	Supporting topic: Analyzing Graphs of Quadratic Functions		☐	☐	☐	☐☐☐	
	21. Quadratic Parent Functions and Transformations	☐	☐	☐	☐	☐	☐☐☐
	Quadratic Parent Function		☐	☐	☐	☐☐☐	
	Transformations of the Quadratic Parent Function		☐	☐	☐	☐☐☐	
	Supporting topic: Domain and Range		☐	☐	☐	☐☐☐	
	Supporting topic: Quadratic Functions		☐	☐	☐	☐☐☐	
	Supporting topic: Transformations on the Coordinate Plane		☐	☐	☐	☐☐☐	
	22. Solving Quadratic Equations 1	☐	☐	☐	☐	☐	☐☐☐
	Solving Quadratic Equations by Factoring		☐	☐	☐	☐☐☐	
	Completing the Square		☐	☐	☐	☐☐☐	
	Supporting topic: Factoring Quadratic Trinomials		☐	☐	☐	☐☐☐	
	23. Solving Quadratic Equations 2	☐	☐	☐	☐	☐	☐☐☐
	Quadratic Formula		☐	☐	☐	☐☐☐	
	Complex Numbers and Quadratic Functions		☐	☐	☐	☐☐☐	
	Supporting topic: Quadratic Functions		☐	☐	☐	☐☐☐	
	Supporting topic: Solving Quadratic Equations by Factoring		☐	☐	☐	☐☐☐	
	24. Nonlinear Functions	☐	☐	☐	☐	☐	☐☐☐
	Inverse Functions		☐	☐	☐	☐☐☐	
	Absolute Value Functions		☐	☐	☐	☐☐☐	
	Systems of Nonlinear Equations		☐	☐	☐	☐☐☐	
	Supporting topic: Functions and Relations		☐	☐	☐	☐☐☐	
	Supporting topic: Slope		☐	☐	☐	☐☐☐	
	Supporting topic: Solving Systems of Linear Equations: Graphing		☐	☐	☐	☐☐☐	

Due Date	Title	PRETEST	LEARN IT	TRY IT	REVIEW IT	TEST IT	POSTTEST
	Supporting topic: Solving Systems of Linear Equations: Substitution		☐	☐	☐	☐☐☐	
	25. Volume	☐	☐	☐	☐	☐	☐☐☐
	Volume of Prisms and Pyramids		☐	☐	☐	☐☐☐	
	Volume of Cylinders and Cones		☐	☐	☐	☐☐☐	
	Volume of Composite Solids		☐	☐	☐	☐☐☐	
	Supporting topic: Area of Circles and Sectors		☐	☐	☐	☐☐☐	
	Supporting topic: Relating Two-Dimensional Figures to Three-Dimensional Solids		☐	☐	☐	☐☐☐	
	Supporting topic: Volume of Cylinders and Cones		☐	☐	☐	☐☐☐	
	26. Basic Probability Concepts	☐	☐	☐	☐	☐	☐☐☐
	Introduction to Probability		☐	☐	☐	☐☐☐	
	Combinations and Permutations		☐	☐	☐	☐☐☐	
	Supporting topic: Calculating Probability		☐	☐	☐	☐☐☐	
	27. Advanced Probability Concepts	☐	☐	☐	☐	☐	☐☐☐
	Conditional Probability		☐	☐	☐	☐☐☐	
	Geometric Probabilities		☐	☐	☐	☐☐☐	
	Analyzing Decisions in Probability		☐	☐	☐	☐☐☐	
	Supporting topic: Frequency Tables		☐	☐	☐	☐☐☐	
	Supporting topic: Calculating Probability		☐	☐	☐	☐☐☐	
	Supporting topic: Introduction to Probability		☐	☐	☐	☐☐☐	