

Reveal Math Traditional Pre-Algebra



P2C	Lesson #	Title	Standard(s)	Career
MODULE 1: PROPOR	RTIONAL REL	ATIONSHIPS		
	1-1	Powers and Exponents	Preparation for 8.EE.A.1	
	1-2	Multiply and Divide Monomials	8.EE.A.1	
	1-3	Powers of Monomials	8.EE.A.1	
	1-4	Zero and Negative Exponents	8.EE.A.1	
Pre-Algebra	8.5	Apply Properties of Exponents in Software Development	8.EE.1	Software Developers
Pre-Algebra	8.6	Apply Properties of Exponents Using Orders of Magnitude	8.EE.1	Atmospheric, Earth, Marine and Space Sciences Teachers, Postsecondary
Pre-Algebra	8.7	Apply Properties of Exponents in Ecology	8.EE.1	Industrial Ecologists
	1-5	Scientific Notation	8.EE.A.3 8.EE.A.4	
Pre-Algebra	8.10	Apply Scientific Notation in Earth Science	8.EE.4	Geoscientists
	1-6	Compute with Scientific Notation	8.EE.A.3 8.EE.A.4	
Pre-Algebra	8.11	Apply Scientific Notation in Forensic Science	8.EE.4	Forensic Science Technicians
MODULE 2: REAL N	lumbers			
	2-1	Terminating and Repeating Decimals	8.NS.A.1	
	2-1	Roots	8.NS.A.2	
Pre-Algebra	9.2	Apply Finding Square Roots	8.EE.2	Landscape Architects
	2-3	Real Numbers	8.NS.A.1 8.EE.A.2	
Pre-Algebra	9-P	The Number System	8.NS.1 8.NS.2	Web Developers
	2-4	Estimate Irrational Numbers	8.NS.A.2	
	2-5	Compare and Order Real Numbers	8.NS.A.1 8.NS.A.2	
Module 3: Solve	Equations v	VITH VARIABLES ON EACH SIDE		
	3-1	Solve Equations with Variables on Each Side	8.EE.C.7 8.EE.C.7.B	
Pre-Algebra	2.3	Variables and Equations	preparing for 8.EE.7.b	Facilities Managers
	3-2	Write and solve Equations with Variables on Each Side	8.EE.C.7 8.EE.C.7.B	
Pre-Algebra	2.5	Apply Solving One-Step Equations	8.EE.7.b	Cargo and Freight Agents
	3-3	Solve Multi-Step Equations	8.EE.C.7 8.EE.C.7.B	
Pre-Algebra	2.7	Apply Solving Two-Step Equations	8.EE.7.b	Loan Officers
	3-4	Write and Solve Multi-Step Equations	8.EE.C.7 8.EE.C.7.B	
Pre-Algebra	2.10	Solve Break-Even Problems	8.EE.7.b	Fundraising Managers
Pre-Algebra	2.11	Rewrite Formulas	8.EE.7.b	Registered Nurses
	3-5	Determine the Number of Solutions	8.EE.C.7 8.EE.C.7.A	





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MODULE 4: LINEAL	R RELATIONSI	HIPS AND SLOPE		
	4-1	Proportional Relationships and Slope	8.EE.B.5	
Pre-Algebra	4.9	Apply Graphs of Proportional Relationships	8.EE.5	Manufacturing Engineers
Pre-Algebra	4.11	Apply Comparisons of Proportional Relationships	8.EE.5	Biological Science Teachers, Postsecondary
	4-2	Slope of a Line	Preparation for 8.EE.B.6 8.F.B.4 8.SP.A.3	
Pre-Algebra	4.2	Apply Writing and Solving Proportions	preparing for 8.EE.6	Compliance Officers
Pre-Algebra	4.4	Use the Slope of a Line	8.EE.6	Surveyors
	4-3	Similar Triangles and Slope	8.EE.B.6	
	4-4	Direct Variation	8.EE.B.6	
Pre-Algebra	4.7	Solve Percent Problems	8.EE.6	Sales Representatives, Wholesale and Manufacturing
Pre-Algebra	4.6	Apply Equations for Proportional Relationships	8.EE.6	Food Scientists and Technologists
	4-5	Slope-Intercept Form	8.EE.B.6	
	4-6	Graph Linear Equations	Preparation for 8.EE.C.8.B 8.F.A.3	
MODULE 5: FUNCT	IONS			
	5-1	Identify Functions	8.F.A.1	
	5-2	Function Tables	8.F.A.1	
	5-3	Construct Linear Functions	8.F.B.4	
Pre-Algebra	5.4	Apply Linear Equations in Two Variables	8.F.4	Dental Hygienists
Pre-Algebra	5.6	Apply Rate of Change and Initial Value	8.F.4 8.SP.3	Soil and Plant Scientists
Pre-Algebra	5.8	Apply Equations Written for Linear Functions	8.F.4 8.SP.3	Commercial Pilots
Pre-Algebra	5.11	Interpret Intercepts of Graphs of Linear Equations	8.F.1 8.F.4	Athletic Trainers
	5-4	Compare Functions	8.F.A.2	
	5-5	Nonlinear Functions	8.F.A.3	
Pre-Algebra	5-P	Functions	8.F.4 8.SP.3	Information Technology Project Managers
	5-6	Qualitative Graphs	Preparation for 8.EE.C.8.B 8.F.A.3	





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MODULE 6: SYSTE	MS OF LINEAR	R EQUATIONS		
	6-1	Solve Systems of Equations by Graphing	8.EE.C.8 8.EE.C.8.A 8.EE.C.8.B 8.EE.C.8.C	
Pre-Algebra	6.2	Apply Solving Linear Systems by Graphing	8.EE.8.a 8.EE.8.c	Business Operations Specialists
	6-2	Determine Number of Solutions	8.EE.C.8 8.EE.C.8.A 8.EE.C.8.B 8.EE.C.8.C	
	6-3	Solve Systems of Equations by Substitution	8.EE.C.8 8.EE.C.8.B 8.EE.C.8.C	
Pre-Algebra	6.4	Apply Solving Linear Systems by Substitution	8.EE.8.a 8.EE.8.c	Credit Counselors
	6-4	Solve Systems of Equations by Elimination	8.EE.C.8 8.EE.C.8.B 8.EE.C.8.C	
Pre-Algebra	6.7	Apply Solving Linear Systems by Elimination	8.EE.8.a 8.EE.8.c	Personal Financial Advisors
Pre-Algebra	6.8	Solve Manufacturing Tolerance Problems	8.EE.8.a 8.EE.8.c	Ophthalmic Laboratory Technicians
	6-5	Write and Solve Systems of Equations	8.EE.C.8 8.EE.C.8.B 8.EE.C.8.C	
Pre-Algebra	6.9	Solve Mixture Problems	8.EE.8.a 8.EE.8.c	Chemists
Pre-Algebra	6-P	Expressions and Equations	8.EE.8.a 8.EE.8.b 8.EE.8.c	Information Security Analysts
MODULE 7: TRIANG	GLES AND THE	E PYTHAGOREAN THEOREM		
	7-1	Angle Relationships and Parallel Lines	8.G.A.5	
Pre-Algebra	3.2	Apply Properties of Parallel Lines	8.G.5	Structural Iron and Steel Workers
Pre-Algebra	5.9	Identify Parallel and Perpendicular Lines	8.F.4	Civil Engineers
	7-2	Angle Relationships and Triangles	8.G.A.5	
Pre-Algebra	3.4	Apply Angle Relationships in Triangles	8.G.5	Robotics Engineers
	7-3	The Pythagorean Theorem	8.G.B.6 8.G.B.7	
Pre-Algebra	9.7	Apply the Pythagorean Theorem	8.G.7	Plumbers, Pipefitters and Steamfitters
	7-4	Converse of the Pythagorean Theorem	8.G.B.6	
Pre-Algebra	9.10	Apply the Converse of the Pythagorean Theorem	8.G.7	Construction and Building Inspectors
	7-5	Distance on the Coordinate Plane	8.G.B.8	
Pre-Algebra	9.8	Find Distances Using the Pythagorean Theorem	8.G.8	Architectural and Civil Drafters





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10DULE 8: TRANS	SFORMATIONS			
	8-1	Translations	8.G.A.1 8.G.A.1.A 8.G.A.3	
Pre-Algebra	1.2	Apply Translations	8.G.3	Computer Numerically Controlled Tool Programmers
	8-2	Reflections	8.G.A.1 8.G.A.1.A 8.G.A.3	
Pre-Algebra	1.4	Apply Reflections	8.G.3	Automotive Engineers
	8-3	Rotations	8.G.A.1 8.G.A.1.A 8.G.A.3	
Pre-Algebra	1.6	Apply Rotations	8.G.3	Aerospace Engineering and Operations Technologists and Technicians
	8-4	Dilations	8.G.A.3	
Pre-Algebra	1.11	Apply Dilations	8.G.3	Interior Designers
Pre-Algebra	3-P	Geometry	8.G.1 8.G.2 8.G.3 8.G.4 8.G.5 8.G.6	Web and Digital Interface Designers
10DULE 9: CONGI	RUENCE AND	SIMILARITY		
	9-1	Congruence and Transformations	8.G.A.1 8.G.A.1.A 8.G.A.1.B 8.G.A.1.C 8.G.A.2	
Pre-Algebra	1.7	Investigate Symmetry	preparing for 8.G.2	Carpenters
Pre-Algebra	1.9	Use Rigid Motions to Show Congruent Figures	8.G.2	Special Effects Artists and Animators
	9-2	Congruence and Corresponding Parts	8.G.A.1 8.G.A.1.A 8.G.A.1.B	
	9-3	Similarity and Transformations	88.G.A.4	
	9-4	Similarity and Corresponding Parts	8.G.A.4 8.G.A.5	
Pre-Algebra	3.6	Apply Similar Triangles	8.G.5	Firefighters
	9-5	Indirect Measurement	8.G.A.4 8.G.A.5	
10DULE 10: CONG	RUENCE AND	SIMILARITY		
Pre-Algebra	10.2	Apply Area of Circles	preparing for 8.G.9	Market Research Analysts and Marketing Specialists
	10-1	Volume of Cylinders	8.G.C.9	
Pre-Algebra	10.4	Apply Volume of Cylinders	8.G.9	Geological Technicians
	10-2	Volume of Cones	8.G.C.9	
Pre-Algebra	10.6	Apply Volume of Cones	8.G.9	Chefs and Head Cooks
	10-3	Volume of Spheres	8.G.C.9	
Pre-Algebra	10.8	Apply Volume of Spheres	8.G.9	Secondary School Teachers
	10-4	Find Missing Dimensions	8.G.C.9	
	10-5	Volume of Composite Solids	8.G.C.9	
Pre-Algebra	10.10	Apply Volume of Composite Solids	8.G.9	Mobile Heavy Equipment Mechanics





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MODULE 11: SCATT	Module 11: Scatter Plots and Two-Way Tables						
	11-1	Scatter Plots	8.SP.A.1				
Pre-Algebra	7.2	Apply Scatter Plots	8.SP.1	Medical Scientists, except Epidemiologists			
	11-2	Draw Lines of Fit	8.SP.A.2				
Pre-Algebra	7.5	Apply Trend Lines	8.SP.18.SP.28.SP.3	Paralegals and Legal Assistants			
	11-3	Equations for Lines of Fit	8.SP.A.3				
	11-4	Two-Way Tables	8.SP.A.4				
Pre-Algebra	7.6	Display Data from Two-Way Tables	preparing for 8.SP.4	Data Scientists			
Pre-Algebra	7.9	Apply Two-Way Frequency Tables	8.SP.4	Health Education Specialists			
	11-5	Associations in Two-Way Tables	8.SP.A.4				
Pre-Algebra	7.11	Apply Two-Way Relative Frequency Tables	8.SP.4	Operations Research Analysts			
Pre-Algebra	7-P	Statistics and Probability	8.SP.1 8.SP.2 8.SP.3 8.SP.4	Computer User Support Specialists			





Reveal Math Traditional Geometry



P2C	Lesson #	Title	Standard(s)	Career
MODULE 1: Tools o	F GEOMETRY			
	1-1	The Geometric System		
	1-2	Points, Lines, and Planes	G.CO.1 G.MG.1	
	1-3	Line Segments	G.CO.1 G.CO.12	
	1-4	Distance	G.CO.1	
	1-5	Locating Points on a Number Line	G.GPE.6	
	1-6	Locating Points on a Coordinate Plane	G.GPE.6	
Geometry	1.9	Perimeter in the Coordinate Plane	G-GPE.7	Fence Erectors
Geometry	1.10	Area in the Coordinate Plane	G-GPE.7	Computer Specialists
	1-7	Midpoints and Bisectors	G.GPE.6 G.CO.12	
Geometry	1.8	Midpoint and Distance in the Coordinate Plane	G.GPE.A.1 G.GPE.A.3	Emergency Medical Technicians & Paramedics
Module 2: Angles	AND GEOMETI	RIC FIGURES		
	2-1	Angles and Congruence	7.RP.A.3	
	2-2	Angle Relationships	7.RP.A.3 7.EE.A.2	
Geometry	1.5	Solve Problems Using Pairs of Angles	G.CO.C.8	Occupational Therapists
	2-3	Two-Dimensional Figures	7.RP.A.3 7.EE.A.2	
	2-4	Transformations in the Plane	7.RP.A.3 7.EE.A.2	
	2-5	Three-Dimensional Figures	7.RP.A.3	
	2-6	Three-Dimensional Figures Three-Dimensional Figures	7.RP.A.3 7.EE.A.2	
	2-7	Precision and Accuracy	7.RP.A.3	
	2-8	Representing Measurements	7.RP.A.3	
MODULE 3: LOGICAL	ARGUMENTS	AND LINE RELATIONSHIPS		
	3-1	Conjectures and Counterexamples		
	3-2	Statements, Conditionals, and Biconditionals		
	3-3	Deductive Reasoning		
Geometry	2.4	Apply Deductive Reasoning	G.CO.C.10 G.CO.C.8 G.CO.C.9	Child, Family, and School Social Worker
	3-4	Writing Proofs		
	3-5	Proving Segment Relationships	G.CO.9 G.CO.12	
	3-6	Proving Angle Relationships	G.CO.9	
Geometry	2.9	Use Theorems about Angles	G-CO.9	Carpenters
	3-7	Parallel Lines and Transversals	G.CO.1 G.CO.9	





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Geometry	3.3	Use Properties of Parallel Lines	G-CO.9	Tree Trimmers and Pruners
Geometry	3.7	Use Properties of Perpendicular Lines	G-C0.9	Brickmasons and Blockmasons
Geometry	3.5	Show Lines are Parallel	G-C0.9	Rail-Track Equipment Operators
	3-8	Slope and Equations of Lines	G.GPE.5	
Geometry	3.9	Use the Slope Criteria for Parallel and Perpendicular Lines	G-GPE.5	Civil Engineers
	3-9	Proving Lines Parallel	G.CO.9 G.CO.12	
	3-10	Perpendiculars and Distance	G.CO.12 G.MG.3	
Geometry	3-P	Expressing Geometric Properties with Equations	G-GPE.4 G-GPE.5 G-CO.1	Health Informatics Specialists
MODULE 4: TRANSFO	DRMATIONS AI	ND SYMMETRY		
	4-1	Reflections	G.CO.5 G.CO.6	
Geometry	4.4	Apply Reflections	G-C0.2 G-C0.5	Marine Engineers and Naval Architects
	4-2	Translations	G.CO.5 G.CO.6	
Geometry	4.2	Apply Translations	G-C0.2 G-C0.5	Biological Technicians
	4-3	Rotations	G.CO.5 G.CO.6	
Geometry	4.6	Apply Rotations	G-C0.2 G-C0.5	Air Traffic Controllers
	4-4	Compositions of Transformations	G.CO.5 G.CO.6	
Geometry	4.8	Compositions of Transformations	G-C0.2 G-C0.5	Computer Numerically Controlled Machine Tool Programmers
	4-5	Tessellations	G.CO.4 G.CO.5	
	4-6	Symmetry	G.CO.3 G.CO.5	
Geometry	4.7	Investigate Symmetry	G-CO.3	Architecture Professors
MODULE 5: WRITE A	ND SOLVE INE	QUALITIES		
	5-1	Angles of Triangles	G.CO.10	
Geometry	5.3	Apple Angle Relationships in Triangles	G-CO.10	Physical Therapists
	5-2	Congruent Triangles	G.CO.7 G.SRT.5	
Geometry	5.4	Triangle Congruence	G-C0.6 G-C0.7	Graphic Designers
	5-3	Proving Triangles Congruent: SSS, SAS	G.CO.8 G.SRT.5	
Geometry	5.6	Apply SSS and SAS Triangle Congruence	G-SRT.5	Glaziers
	5-4	Proving Triangles Congruent: ASA, AAS	G.CO.8 G.SRT.5	





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Geometry	5.9	Apply ASA and AAS Triangle Congruence	G-SRT.5	Millwrights
Geometry	5.10	Use Congruent Triangles	G-SRT.5	Photogrammetrists
	5-5	Proving Right Triangles Congruent	G.CO.10 G.SRT.5	
	5-6	Isosceles and Equilateral Triangles	G.CO.10 G.SRT.5	
	5-7	Triangles and Coordinate Proofs	G.CO.10 G.GPE.4	
DULE 6: GEOMETR	IC FIGURES			
	6-1	Perpendicular Bisectors	G.CO.9 G.CO.10	
	6-2	Angle Bisectors	G.CO.9 G.CO.10	
	6-3	Medians and Altitudes of Triangles	G.CO.10 G.CO.12	
Geometry	6.4	Apply Special Segments in Triangles	G-C0.10	Postsecondary Art, Drama, and Music Teachers
	6-4	Inequalities in One Triangle	G.CO.10	
	6-5	Indirect Proof	G.CO.10	
	6-6	The Triangle Inequality	G.CO.10	
	6-7	Inequalities in Two Triangles	G.CO.10	
Geometry	6.8	Apply Inequalities in One Triangle and Two Triangles	G-C0.10	Commercial Pilots
DULE 7: MEASURE	FIGURES			
	7-1	Angles of Polygons	G.MG.1	
	7-2	Parallelogram	G.CO.11 G.GPE.4	
	7-3	Tests for Parallelograms	G.CO.11 G.GPE.4	
Geometry	7.4	Apply Properties of and Conditions for Parallelograms	G-CO.11	Mechanical Drafters
	7-4	Rectangles	G.CO.11 G.GPE.4	
	7-5	Rhombi and Squares	G.CO.11 G.GPE.4	
	7-6	Trapezoids and Kites	G.GPE.4	
Geometry	7.7	Identify Special Quadrilaterals	G-CO.11	Motorcycle Mechanics
Geometry	7.8	Identify Special Quadrilaterals in the Coordinate Plane	G-C0.11 G-GPE.4	Fashion Designers
Geometry	7-P	Congruence	G-CO.2 G-CO.5 G-CO.6 G-CO.7 G-CO.9 G-CO.10 G-CO.11 G-SRT.5 G-MG.3	Computer Network Architec





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MODULE 8: SIMILARI	TY			
	8-1	Dilations	G.CO.2 G.SRT.1	
Geometry	4.11	Apply Dilations	G-CO.2 G-MG.3	Advertising and Promotions Managers
	8-2	Similar Polygons	G.SRT.2	
Geometry	8.1	Similar Polygons	G-SRT.5	Set and Exhibit Designers
	8-3	Similar Triangles: AA Similarity	G.SRT.2 G.SRT.3	
	8-4	Similar Triangles: SSS and SAS Similarity	G.SRT.2 G.SRT.5	
	8-5	Triangle Proportionality	G.SRT.4 G.CO.10 G.CO.12	
Geometry	8.6	Apply Proportionality Theorems	G-SRT.5 G-MG.3	Urban and Regional Planners
	8-6	Parts of Similar Triangles	G.SRT.4	
Geometry	8.4	Use Similar Triangles	G-SRT.5	Foresters
MODULE 9: RIGHT TE	RIANGLES AND	TRIGONOMETRY		
	9-1	Geometric Means	G.SRT.4 G.SRT.5	
	9-2	Pythagorean Theorem and Its Converse	G.SRT.4 G.SRT.8	
Geometry	9.2	Apply the Pythagorean Theorem	G-SRT.8	Construction and Building Inspectors
Geometry	9.5	Use Similar Right Triangles	G-SRT.5	Photographers
	9-3	Coordinates in Space		
	9-4	Special Right Triangles	G.SRT.6	
	9-5	Trigonometry	G.SRT.6 G.SRT.7 G.SRT.8	
	9-6	Applying Trigonometry	G.SRT.8 G.SRT.9	
Geometry	9.8	Apply Trigonometric Ratios in Right Triangles	G-SRT.8	Solar Photovoltaic Installers
Geometry	11.1	Find Areas of Triangles Using Trigonometry	G-MG.2	Surveyors
	9-7	The Law of Sines	G.SRT.10 G.SRT.11	
	9-8	The Law of Cosines	G.SRT.10 G.SRT.11	
Geometry	9.10	Apply the Law of Sines and the Law of Cosines	G-SRT.11 G-MG.3	Sound Engineering Technicians





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MODULE 10: CIRCLES	3			
	10-1	Circles and Circumference	G.C.1 G.GMD.1	
	10-2	Measuring Angles and Arcs	G.C.2 G.C.5	
Geometry	11.5	Apply Circumference and Arc Length	G-MG.1	Mechanical Engineering Technicians
	10-3	Arcs and Chords	G.C.2	
	10-4	Inscribed Angles	G.C.2 G.C.3	
Geometry	10.6	Apply Central Angles and Inscribed Angles	G-C.2 G-MG.3	Security and Fire Alarm Systems Installers
	10-5	Tangents	G.C.4 G.CO.13	
	10-6	Tangents, Secants, and Angle Measures	G.C.2	
Geometry	10.9	Apply Segment Relationships in Circles	G-C.2	Life, Physical, and Social Science Technicians
	10-7	Equations of Circles	G.GPE.1 G.GPE.4	
Geometry	10.11	Apply Circles in the Coordinate Plane	G-GPE.1	Geoscientists
	10-8	Equations of Parabolas	G.GPE.2	
Geometry	10-P	Circles	P.A.C.A.2 P.F.TF.A.1 P.F.TF.A.2 P.G.AT.A.3 P.G.AT.A.4	Telecommunications Engineering Specialists
MODULE 11: MEASUR	EMENT			
	11-1	Areas of Quadrilaterals		
	11-2	Areas of Regular Polygons	G.MG.3	
Geometry	1.7	Solve Design Problems Using Areas of Figures	G.MG.A.1	Meeting, Convention, and Event Planners
Geometry	11.2	Areas of Parallelograms, Trapezoids, and Regular Polygons	G-MG.2	Fish and Game Wardens
	11-3	Areas of Circles and Sectors	G.C.5 G.GMD.1	
Geometry	11.3	Areas of Composite Figures	G-MG.2	Appraisers and Assessors of Real Estate
Geometry	11.7	Apply Areas of Circles and Sectors	G-MG.1	Cardiovascular Technologists and Technicians
	11-4	Surface Area	G.MG.3	
Geometry	12.4	Apply Surface Areas of Prisms and Pyramids	G-MG.1	Anthropologists and Archaeologists
Geometry	12.7	Apply Surface Areas of Cylinders, Cones, and Spheres	G-MG.1 G-MG.3	Industrial Production Managers





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	11-5	Cross Sections and Solids of Revolution	G.GMD.4	
Geometry	12.2	Visualizing Solids	G-GMD.4	Architectural and Civil Drafters
	11-6	Volumes of Prisms and Pyramids	G.GMD.1 G.GMD.2 G.GMD.3	
Geometry	12.9	Apply Volumes of Prisms and Pyramids	G-GMD.3 G-MG.1 G-MG.2 G-MG.3	Heating, Air Conditioning and Refrigeration Mechanics and Installers
	11-7	Volumes of Cylinders, Cones, and Spheres	G.GMD.1 G.GMD.2 G.GMD.3	
Geometry	12.12	Apply Volumes of Cylinders, Cones, and Spheres	G-GMD.3 G-MG.1 G-MG.2 G-MG.3	Architectural Engineers
	11-8	Applying Similarity to Solid Figures	G.GMD.3	
	11-9	Density	G.MG.2	
Module 12: Probabii	_ITY			
	12-1	Sample Spaces		
	12-2	Probability and Counting	S.CP.1	
	12-3	Geometric Probability	S.MD.6 S.MD.7	
	12-4	Probability with Permutations and Combinations	S.CP.9	
Geometry	13.4	Probabilities of Disjoint and Overlapping Events	S-CP.4	Health Educators
	12-5	Probability and the Multiplication Rule	S.CP.2 S.CP.8	
Geometry	13.8	Apply Probabilities of Independent Events	S-CP.3 S-CP.4 S-CP.5	Information Security Analysts
Geometry	13.10	Apply Probabilities of Dependent Events	S-CP.5 S-CP.8	Gaming Managers
	12-6	Probability and the Addition Rule	S.CP.7	
	12-7	Conditional Probability	S.CP.3 S.CP.5	
Geometry	13.6	Apply Conditional Probability		
	12-8	Two-Way Frequency Tables	S.CP.4 S.CP.6	
Geometry	13-P	Using Probability to Make Decisions	S-CP.2 S-CP.3 S-CP.4 S-CP.7 S-CP.8 S-CP.9	Computer Programmers





Reveal Math Traditional Algebra I



P2C	Lesson #	Title	Standard(s)	Career
MODULE 1: EXPR	ESSIONS			
	1-1	Numerical Expressions	A.SSE.1b A.SSE.2	
Algebra I	1-P	Seeing Structure in Expressions	A-SSE.1.a A-SSE.1.b	Database Architects
	1-2	Algebraic Expressions	A.SSE.1 A.SSE.2	
Algebra I	1.8	Structure of Expressions	A-SSE.1.a	Economics Teachers, Postsecondary
	1-3	Properties of Real Numbers	A.SSE.2	
	Expand 1-3	Operations with Rational Numbers	N.RN.3	
	1-4	Distributive Property	A.SSE.1a A.SSE.2	
	1-5	Expressions Involving Absolute Value	A.SSE.2	
	1-6	Descriptive Modeling and Accuracy	N.Q.2 N.Q.3	
Algebra l	1.5	Precision and Accuracy	N-Q.1 N-Q.3	Environmental Science And Protection Technicians
Algebra I	1.3	Applying Dimensional Analysis	N-Q.1	Dental Laboratory Technicians
Algebra I	1.4	Modeling with Quantities	N-Q.2	Terrazzo Workers and Finishers
MODULE 2: EQUA	TIONS IN ONE	Variable		
	2-1	Writing and Interpreting Equations	A.CED.1 A.CED.3	
	2-2	Solving One-Step Equations	A.CED.1 A.REI.1 A.REI.3	
Algebra I	3.3	Solving Linear Inequalities in One Variable	A-CED.1 A-REI.3	Property, Real Estate, and Community Association Managers
Algebra I	2.4	Solving Linear Equations with a Variable on One Side	A-CED.1 A-REI.1 A-REI.3	Veterinarians
Pre-Algebra	2.14	Apply Solving Inequalities	extending 8.EE.7.b	Water Resource Specialists
	2-3	Solving Multi-Step Equations	A.CED.1 A.REI.3	
Algebra I	2.2	Writing Linear Equations	A-CED.1 A-REI.3	Credit Counselors
Algebra I	3.9	Solving Inequalities Graphically	A-CED.1 A-CED.3 A-REI.3	Business Operations Specialists, All Other
Algebra l	2.5	Solving Linear Equations with a Variable on Both Sides	A-CED.1 A-REI.1 A-REI.3	Bookkeeping, Accounting, and Auditing Clerks
	2-4	Solving Equations with the Variable on Each Side	A.CED.1 A.REI.3	
	2-5	Solving Equations Involving Absolute Value	A.CED.1 A.REI.3	
	2-6	Solving Proportions	A.CED.1 A.REI.3	
	2-7	Using Formulas	A.REI.3 A.CED.4	
Algebra I	4-P	Creating Equations	A-SSE.1 A-CED.1 A-CED.2 A-CED.4 A-REI.3	Software Developers





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Mo	DDULE 3: RELA	ATIONS AND FU	NCTIONS		
		3-1	Representing Relations	N.Q.1 F.IF.1	
	Algebra I	2.7	Solving Literal Equations and Formulas	N-Q.1 A-CED.4 A-REI.1	Electricians
		3-2	Functions	F.IF.1 F.IF.2	
		3-3	Linearity and Continuity of Graphs	F.IF.4 F.IF.5	
		3-4	Intercepts of Graphs	A.REI.10 F.IF.4	
		3-5	Shapes of Graphs	F.IF.4	
		3-6	Sketching Graphs and Comparing Functions	F.IF.4 F.IF.9	
Mo	DDULE 4: LINE	AR AND NONLI	NEAR FUNCTIONS		
		4-1	Graphing Linear Functions	A.REI.10 F.IF.7a	
		4-2	Rate of Change and Slope	F.IF.6 F.LE.5	
	Algebra I	4.9	Rate of Change of Linear Functions	F-IF.6	Fitness Trainers and Aerobics Instructors
		4-3	Slope-Intercept Form	A.CED.2 F.IF.7a	
	Algebra I	4.11	Using Graphs of Linear Functions	A-CED.2 A-CED.3 A-REI.10 F-IF.6 F-IF.7.a	Hydrologists
		Expand 4-3	Linear Growth Patterns	F.LE.1a	
	Algebra I	4.10	Representations of Linear Functions	F-IF.9, F-LE.1.b	Geological and Petroleum Technicians
		4-4	Transformations of Linear Functions	F.IF.7a F.BF.3	
	Algebra I	10.9	Operations on Functions	A-REI.10 F-BF.3	Film and Video Editors
		4-5	Arithmetic Sequences	F.BF.1a F.BF.2 F.LE.2	
	Algebra I	7.1	Understanding Sequences	F-IF.3 F-BF.1.a	Biological Science Teachers, Postsecondary
	Algebra I	7.4	Applying Arithmetic Sequences	F-BF.1.a F-BF.2	General and Operations Managers
	Algebra IIb	8.3	Applying Arithmetic Series and Sequences	A-SSE.4, F-BF.2	Library Technicians
		4-6	Piecewise and Step Functions	F.IF.4 F.IF.7b	
	Algebra I	10.3	Applying Step Functions	F-IF.4, F-IF.5, F-IF.7.b	Cargo and Freight Agents
	Algebra I	10.5	Applying Piecewise-Defined Functions	F-IF.4 F-IF.5 F-IF.7.b	Tax Preparers
		4-7	Absolute Value Functions	F.IF.7b F.BF.3	



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MODULE 5: CRI	Module 5: Creating Linear Functions							
	5-1	Writing Equations in Slope-Intercept Form	A.CED.2 S.ID.7					
	5-2	Writing Equations in Standard and Point-Slope Form	A.CED.2 A.CED.3					
Algebra I	4.6	Using the Point-Slope Form of a Line	A-CED.2 A-CED.4	Social and Community Service Managers				
	5-3	Scatter Plots and Lines of Fit	S.ID.6a S.ID.6c					
Algebra I	4.13	Applying Scatter Plots and Lines of Fit	S-ID.6.a S-ID.6.c F-LE.5	Cost Estimators				
	5-4	Correlation and Causation	S.ID.9					
	5-5	Linear Regression	S.ID.6 S.ID.8					
Algebra I	4.14	Analyzing Lines of Fit	S-ID.6.a S-ID.7 S-ID.8 S-ID.9 F-LE.5	Financial Managers				
	5-6	Inverses of Linear Functions	A.CED.2 F.BF.4a					
MODULE 6: LIN	IEAR İNEQUALIT	TIES						
	6-1	Solving One-Step Inequalities	A.CED.1 A.REI.3					
	6-2	Solving Multi-Step Inequalities	A.CED.1 A.REI.3					
	6-3	Solving Compound Inequalities	A.CED.1 A.CED.3					
Algebra I	3.6	Using Compound Inequalities	A-CED.1 A-CED.3 A-REI.3	Billing and Posting Clerks				
	6-4	Solving Absolute Value Inequalities	A.CED.1 A.CED.3					
Algebra I	3.8	Writing and Solving Absolute Value Inequalities	A-CED.1 A-CED.3 A-REI.3	Exercise Physiologists				
	6-5	Graphing Inequalities in Two Variables	A.CED.3 A.REI.12					
MODULE 7: SYS	STEMS OF LINE	AR EQUATIONS AND INEQUALITIES						
	7-1	Graphing Systems of Equations	A.REI.6 A.REI.11					
	7-2	Substitution	A.CED.3 A.REI.6					
Algebra I	5.2	Applying Systems of Linear Equations	A-CED.2 A-CED.3 A-REI.6	Chefs and Head Cooks				
	7-3	Elimination Using Addition and Subtraction	A.CED.3 A.REI.6					
	7-4	Elimination Using Multiplication	A.REI.5 A.REI.6					
	7-5	Systems of Inequalities	A.CED.3 A.REI.12					
Algebra I	5.6	Writing and Solving Systems of Linear Equations	A-CED.3 A-REI.6	Software Developers, Applications				
Algebra I	5.9	Writing and Using Linear Inequalities in Two Variables	A-CED.3 A-REI.12	Soil and Plant Scientists				
Algebra I	5.11	Applying Systems of Linear Inequalities	A-CED.3 A-REI.12	Industrial Engineers				
Algebra I	5-P	Reasoning with Equations and Inequalities	A-REI.3 A-REI.6 A-REI.10 A-REI.11 A-REI.12	Geographic Information Systems Technologists and Technicians				



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Module 8: Exponents and Roots							
	8-1	Multiplication Properties of Exponents	A.SSE.2 A.SSE.3c				
	8-2	Division Properties of Exponents	A.SSE.2 A.SSE.3c				
	8-3	Negative Exponents	A.SSE.2				
	8-4	Rational Exponents	N.RN.1 N.RN.2				
	8-5	Simplifying Radical Expressions	N.RN.2				
	8-6	Operations with Radical Expressions	N.RN.2				
	Expand 8-6	Sums and Products of Rational and Irrational Numbers	N.RN.3				
	8-7	Exponential Equations	N.RN.2 A.SSE.2				
MODULE 9: EXPO	NENTIAL FUN	CTIONS					
	9-1	Exponential Functions	F.IF.7e F.LE.1c F.LE.5				
Algebra I	6.4	Graphing Exponential Functions	F-IF.1 F-IF.4 F-IF.7.e	Accountants and Auditors			
	9-2	Transformations of Exponential Functions	F.IF.7e F.BF.3				
	9-3	Writing Exponential Functions	F.LE.2 F.LE.5				
	9-4	Transforming Exponential Expressions	A.SSE.3c F.IF.8b				
Algebra I	6.6	Applying Exponential Growth	F-LE.1.c F-IF.8.b	Animal Scientists			
Algebra I	6.7	Applying Exponential Decay	F-LE.1.c F-IF.8.b	Forensic Science Technicians			
Algebra I	6.10	Comparing Exponential Functions	F-IF.9, F-IF.8.b	Insurance Sales Agents			
Algebra l	6.9	Applying Exponential Equations	A-CED.1 A-REI.1 A-SSE.3.c	Epidemiologists			
	9-5	Geometric Sequences	F.BF.2 F.LE.2				
Algebra I	7.7	Applying Geometric Sequences	F-BF.1.a F-BF.2	Actuaries			
Algebra IIb	8.5	Applying Geometric Series and Sequences	A-SSE.4, F-BF.2	Agricultural Technicians			
	9-6	Recursive Formulas	F.IF.3 F.BF.2				
Algebra I	7.8	Applying Recursively-Defined Sequences	F.BF.1.a F-IF.3	Sociologists			



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MODULE 10: Po	LYNOMIALS			
	10-1	Adding and Subtracting Polynomials	A.SSE.1a A.APR.1	
	8.1	Modeling with Polynomials	A-SSE.1.a	
	10-2	Multiplying Polynomials by Monomials	A.APR.1	
	10-3	Multiplying Polynomials	A.APR.1	
	10-4	Special Products	A.APR.1	
	10-5	Using the Distributive Property	A.SSE.2	
Algebra I	8.6	Operations with Polynomials	A-SSE.3 A-APR.1	Operations Research Analyst
	Expand 10-5	Proving the Elimination Method	A.REI.5	
	10-6	Factoring Quadratic Trinomials	A.SSE.2	
	10-7	Factoring Special Products	A.SSE.2	
Algebra I	8-P	Arithmetic with Polynomials and Rational Expressions	A-APR.1 A-SSE.1 A-SSE.2	Video Game Designers
MODULE 11: QU	ADRATIC FUNCT	IONS		
	11-1	Graphing Quadratic Functions	F.IF.4 F.IF.7a	
	11-2	Transformations of Quadratic Functions	F.IF.7a F.BF.3	
	11-3	Solving Quadratic Equations by Graphing	F.IF.7a F.IF.8a	
	11-4	Solving Quadratic Equations by Factoring	A.SSE.3a A.REI.4b F.IF.8a	
	11-5	Solving Quadratic Equations by Completing the Square	A.SSE.3b A.REI.4 F.IF.8a	
Algebra I	9.3	Applying the Vertex Form of Quadratic Functions	A-SSE.3.b F-IF.7.a F-IF.8.a	Atmospheric and Space Scientists
Algebra l	9.4	Applying Graphs of Quadratic Functions	A-SSE.3.a A-SSE.3.b F-IF.7.a F-IF.8.a	Aerospace Engineers
	11-6	Solving Quadratic Equations by Using the Quadratic Formula	A.CED.1 A.REI.4	
Algebra I	9.9	Using Quadratic Equations to Solve Problems	A-REI.4.a A-REI.4.b	Physicists
	11-7	Solving Systems of Linear and Quadratic Equations	A.CED.2 A.REI.7	
Algebra I	9.13	Applying Linear-Quadratic Systems	A-REI.7 A-REI.11	Economists
	11-8	Modeling and Curve Fitting	F.LE.1 F.LE.3	



P2C	Lesson #	Title	Standard(s)	Career
Algebra I	10.11	Applying Comparisons of Linear, Exponential, and Quadratic Models	F-IF.6 F-IF.9 F-LE.3	Appraisers and Assessors of Real Estate
	Expand 11-8	Exponential Growth Patterns	F.LE.1a	
Algebra I	9.10	Comparing Quadratic Functions	F-IF.4, F-IF.9	Industrial Production Managers
	11-9	Combining Functions	F.BF.1b	
Algebra I	11-P	Interpreting Functions	F-LE.1 F-LE.3 F-LE.5 F-IF.4 F-IF.6	Health Informatics Specialists
MODULE 12: ST	TATISTICS			
	12-1	Measures of Center		
	12-2	Representing Data	N.Q.1; S.ID.1	
	12-3	Using Data		
	12-4	Measures of Spread	N.Q.1; S.ID.1	
Algebra I	12.6	Applying Box Plots	S-ID.1 S-ID.3	Computer and Information Systems Managers
Algebra I	12.8	Applying Histograms	S-ID.1 S-ID.2 S-ID.3	Financial Examiners
	12-5	Distributions of Data	S.ID.3	
Algebra I	12.3	Applying Measures of Center and Spread	S-ID.3	Statisticians
	12-6	Comparing Sets of Data	S.ID.2; S.ID.3	
Algebra l	12.9	Analyzing Data	S-ID.1 S-ID.2 S-ID.3	Market Research Analysts and Marketing Specialists
	12-7	Summarizing Categorical Data	S.ID.5	
Algebra I	12.11	Applying Two-Way Frequency Tables	S-ID.5	Social Science Research Assistants
Algebra I	12-P	Interpreting Categorical and Quantitative Data	S-ID.1 S-ID.2 S-ID.3 S-ID.4	Search Marketing Analysts



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	Lesson #	Title	Standard(s)	Career
RELATIONS AND FUN	NCTIONS			
	1-1	Functions and Continuity	F.IF.4 F.IF.5	
	1-2	Linearity, Intercepts, and Symmetry	F.IF.4 F.IF.5	
Algebra Ila	2.4	Applying Slope, Intercepts, and Linear Graphs	A-CED.2 A-REI.5 A-REI.10	Secondary School Teachers
Algebra Ila	2.8	Applying Parallel & Perpendicular Lines	A-REI.5, G-CO.9	Producers
	1-3	Extrema and End Behavior	F.IF.4 F.IF.7c	
	1-4	Sketching Graphs and Comparing Functions	F.IF.4 F.IF.9	
	1-5	Graphing Linear Functions and Inequalities	A.CED.3 F.IF.4	
Algebra IIa	5.3	Applying Graphing in Standard Form	F-BF.3, F-IF.8	Tool and Die Makers
	1-6	Special Functions	F.IF.4 F.IF.7b	
Algebra IIa	6.7	Applying Piecewise Functions	F-IF.7, F-IF.7.b	Film and Video Editors
	1-7	Transformations of Functions	F.IF.4 F.BF.3	
RELATIONS AND FUN	NCTIONS			
	2-1	Solving Linear Equations and Inequalities	A.CED.1 A.CED.2	
	2-2	Solving Absolute Value Equations and Inequalities	A.CED.1 A.CED.3	
Algebra IIa	1.5	Applying Absolute Value	A-CED.1 A-REI.3	Instructional Coordinators
	2-3	Equations of Linear Functions	A.CED.2 F.IF.6	
Algebra Ila	2.6	Applying Writing Linear Equations	A-CED.1, A-REI.3, A-REI.5	Civil Engineering Technicians
	2-4	Solving Systems of Equations Graphically	A.CED.3 A.REI.11	
	2-5	Solving Systems of Equations Algebraically	A.CED.3 A.REI.11	
	2-6	Solving System of Inequalities	A.CED.3	
Algebra IIa	3.6	Applying Systems of Two Linear Inequalities	A-REI.8	Interior Designers
Algebra Ila	3.7	Using Systems of Inequalities to Find the Feasible Region	A-REI.8	Computer Network Specialists
	2-7	Optimization with Linear Programming	A.CED.3	
	2-8	Systems of Equations in Three Variables	A.CED.3	
Algebra Ila	3.3	Applying Solving Linear Systems of Three Equations	A-REI.7	Information Security Analysts
	2-9	Solving Absolute Value Equations and Inequalities by Graphing	A.CED.1	
Algebra Ila	6.5	Applying Graphing Absolute Value Inequalities	F-IF.7.b	Power Plant Operators





P2C	Lesson #	Title	Standard(s)	Career
QUADRATIC FUNCTION	NS			
	3-1	Graphing Quadratic Functions	F.IF.4 F.IF.6	
	3-2	Solving Quadratic Equations by Graphing	A.CED.2 F.IF.4	
Algebra Ila	5.5	Applying Properties of Quadratics	A-APR.2	Structural Iron and Steel Workers
	3-3	Complex Numbers	N.CN.1 N.CN.2	
Algebra IIb	3.3	Applying Operations with Complex Numbers	N-CN.3, N-CN.9	Mathematicians
Algebra IIb	3.6	Applying Moduli and Arguments	N-CN.3, N-CN.4	Electricians
Algebra IIb	3.9	Applying Using Notation with Complex Numbers	N-CN.3, N-CN.7	Electronics Engineers
	3-4	Solving Quadratic Equations by Factoring	N.CN.7 N.CN.8 F.IF.8a	
	3-5	Solving Quadratic Equations by Completing the Square	N.CN.7 F.IF.8a	
Algebra Ila	5.8	Applying Solving Quadratic Functions Using Square Roots	F-LE.4, N-CN.9	Airfield Operations Specialists
	3-6	Using the Quadratic Formula and the Discriminant	N.CN.7 N.CN.8 A.SSE.1b	
	3-7	Quadratic Inequalities	A.CED.1 A.CED.3	
Algebra Ila	5.9	Solving Quadratic Inequalities in Two Variables	A-SSE.3.a, A-REI.7, F-LE.5	Sales Managers
	3-8	Solving Linear-Nonlinear Systems	A.REI.11	
POLYNOMIALS AND P	OLYNOMIAL	Functions		
	4-1	Polynomial Functions	F.IF.4 F.IF.7c	
	4-2	Analyzing Graphs of Polynomial Functions	F.IF.4 F.IF.7c	
Algebra Ila	7.7	Applying Graphs of Polynomial Functions	A-APR.3, A-REI.5, F-IF.7.c	Electrical Engineers
	4-3	Operations with Polynomials	A.APR.1	
	4-4	Dividing Polynomials	A.APR.6	
Algebra Ila	7.4	Applying Polynomial Division	A-APR.2, A-APR.6	Chemical Engineers
	4-5	Powers of Binomials	A.APR.5	



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POLYNOMIAL EQUAT	IONS			
	5-1	Solving Polynomial Equations by Graphing	A.CED.1 A.REI.11	
	5-2	Solving Polynomial Equations Algebraically	A.CED.1	
	5-3	Proving Polynomial Identities	A.APR.4	
	5-4	The Remainder and Factor Theorems	A.APR.2	
	5-5	Roots and Zeros	N.CN.9 A.APR.3 F.IF.7c	
POLYNOMIAL EQUAT	IONS			
	6-1	Operations on Functions	F.BF.1b	
Algebra IIa	6.3	Applying Composite Functions	F-BF.1.c	Audio and Video Technicians
	6-2	Inverse Relations and Functions	F.IF.5; F.BF.4a	
Algebra I	11.12	Applying Inverse Functions	F-BF.4.a	
	6-3	nth Roots and Rational Exponents	A.SSE.2	
	6-4	Graphing Radical Functions	F.IF.7b; F.BF.3	
Algebra 1	11.3	Writing Square Root Functions	A-CED.2, A-REI.2	Radiologic Technologists
Algebra 1	11.4	Applying Square Root Functions	A-CED.1, A-REI.2	Registered Nurses
Algebra I	11.5	Applying Graphs of Square Root Functions	F-IF.4 F-IF.5 F-IF.7.b	
	6-5	Operations with Radical Expressions	A.SSE.2	
	6-6	Solving Radical Equations	A.CED.2; A.REI.2	
Algebra IIa	1.7	Applying Exponents and Radicals	N-RN.1 N-RN.2 F-IF.7.b	Environmental Scientists and Specialists
EXPONENTIAL FUNC	TIONS			
	7-1	Graphing Exponential Functions	F.IF.4 F.IF.7e	
Algebra IIa	8.4	Applying Composite Functions	F-BF.1.b, F-BF.1.c, F-BF.4.b	Materials Engineer
Algebra IIa	8.7	Applying Radical Functions	A-REI.2, A-CED.1	Electrical and Electronics Drafters
Algebra IIb	4.2	Applying Exponential Growth and Decay	F-LE.2, F-LE.3, F-IF.7.e, S-ID.6.a	Microbiologists
	7-2	Solving Exponential Equations and Inequalities	A.CED.1 A.REI.11	
Algebra IIb	4.8	Applying Solving Exponential and Logarithmic Equations	F-BF.5, F-LE.4, F-LE.5	Environmental Scientists and Specialists, Including Health
	7-3	Special Exponential Functions	A.CED.2 F.IF.6	
	7-4	Geometric Sequences and Series	A.SSE.4	
	7-5	Modeling Data	A.CED.1	





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LOGARITHMIC FUNCT	IONS			
	8-1	Logarithms and Logarithmic Functions	A.SSE.2 F.IF.7e	
	8-2	Properties of Logarithms	A.CED.1	
Algebra IIb	4.6	Applying Properties of Logarithmic Functions	A-REI.5, F-BF.5, F-LE.4, F-IF.7.e	Obstetricians
	8-3	Common Logarithms	A.REI.11 F.LE.4	
	8-4	Natural Logarithms	A.SSE.2 F.LE.4	
	8-5	Using Exponential and Logarithmic Functions	A.CED.1 F.LE.4	
Algebra IIb	4-P	Building Functions	F-BF.1.a, F-BF.1.b, F-BF.1.c, F-BF.2, F-BF.3, F-BF.4.a, F-BF.5	Software Quality Assurance Analysts and Testers
LOGARITHMIC FUNCT	IONS			
	9-1	Multiplying and Dividing Rational Expressions	A.APR.7	
Algebra IIb	1.6	Applying Using Polynomial Division to Solve Rational Equations	A-CED.1	Budget Analysts
	9-2	Adding and Subtracting Rational Expressions	A.APR.7	
	9-3	Graphing Reciprocal Functions	F.IF.5 F.BF.3	
	9-4	Graphing Rational Functions	F.IF.4 F.IF.5	
	9-5	Variation	A.CED.1 A.CED.2	
	9-6	Solving Rational Equations and Inequalities	A.CED.1 A.REI.2 A.REI.11	
Algebra IIb	1.4	Applying Solving Rational Equations	A-APR.7, A-REI.2	Respiratory Therapists
LOGARITHMIC FUNCT	IONS			
	10-1	Random Sampling	S.IC.1 S.IC.3	
Algebra IIa	10.6	Applying Randomness and Bias	S-IC.1, S-IC.2, S-IC.3, S-IC.4	Lodging Managers
	10-2	Using Statistical Experiments	S.IC.2 S.IC.5	
Algebra IIa	10.8	Applying Hypotheses	S-IC.2, S-IC.3, S-IC.5, S-IC.6	Accountants and Auditors
	10-3	Analyzing Population Data	S.IC.4	
	10-4	Normal Distributions	S.ID.4 S.IC.6	
Algebra Ila	10.4	Applying the Normal Distribution	S-IC.4, S-ID.4	Nurse Practitioners
	10-5	Estimating Population Parameters	S.IC.4 S.IC.6	
Algebra lla	9.4	Applying Discrete Probability	S-MD.1, S-MD.2, S-MD.3	Heavy and Tractor-Trailer Truck Drivers



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TRIGONOMETRIC FU	INCTIONS			
	11-1	Angles and Angle Measure	F.TF.1	
	11-2	Trigonometric Functions and General Angles	F.TF.3	
Algebra IIb	5.5	Applying Solving Triangles	G-SRT.9, G-SRT.10, G-SRT.11	Machinists
Algebra IIb	5.6	More Applying Solving Triangles	G-SRT.9, G-SRT.10, G-SRT.11	Welders, Cutters, Solderers, and Brazers
	11-3	Circular and Periodic Functions	F.TF.2 F.TF.5	
Algebra IIb	5.1	Applying the Unit Circle	F-IF.4, F-IF.7.e, F-TF.1, F-TF.2, F-TF.3, F-TF.4	Web and Digital Interface Designers
Algebra IIb	2.5	Applying Conic Sections	F-IF.8, G-GPE.3	Solar Photovoltaic Installers
	11-4	Graphing Sine and Cosine Functions	F.IF.4 F.IF.7e	
	11-5	Graphing Other Trigonometric Functions	F.IF.4 F.IF.7e	
	11-6	Translations and Trigonometric Graphs	F.IF.7e F.BF.3	
Algebra IIb	2.7	Applying Translating Conics	G-GPE.3	Museum Technicians and Conservators
	11-7	Inverse Trigonometric Functions	F.TF.7	
RELATIONS AND FU	NCTIONS			
	12-1	Trigonometric Identities	F.TF.8	
	12-2	Verifying Trigonometric Identities	F.TF.8	
	12-3	Sum and Difference Identities	F.TF.9	
	12-4	Double-Angle and Half-Angle Identities	F.TF.8	
	12-5	Solving Trigonometric Equations	F.TF.8	
Algebra IIb	7.6	Applying Trigonometric Equations	F-TF.4, F-TF.5, F-TF.6, F-TF.7	Diagnostic Medical Sonographers
P2C EXTENSION OF	PORTUNITIES	::		
Algebra IIb	9.4	Applying Bits, Bytes, and Hexadecimal Numbers	N/A	Data Administrators
Algebra IIb	10.5	Applying Topological Properties	N/A	Industrial Machinery Mechanics
Algebra IIb	11.2	An Introduction to Election Theory	N/A	Public Relations Specialists
Algebra IIb	11.3	Applying Critical Thinking	N/A	Educational, Guidance and Career Counselors and Advisors
Algebra IIb	11.7	Applying Cryptography	N/A	Natural Sciences Managers

