



# Algebra 1

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## REVERSE CORRELATION

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
<b>Unit 1 Foundations for Functions</b>	
<b>Chapter 1 Expressions, Equations, and Functions</b>	
1-1 Variables and Expressions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.2.1</b>
1-2 Order of Operations	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.1.1</b> <b>M11.B Measurement</b> <b>M11.B.2.2.2</b>
1-3 Properties of Numbers	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.3.1.1</b>
1-4 The Distributive Property	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.2.1</b> <b>M11.A.3.1.1</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
1-5 Equations	M11.A.1 Number and Operations M11.A.2.2.1 M11.A.3.1.1
1-6 Representing Relations	M11.D Algebraic Concepts M11.D.1.1.1 M11.D.1.1.3
1-7 Representing Functions	M11.A.1 Number and Operations M11.A.2.2.1 M11.A.3.1.1 M11.D Algebraic Concepts M11.D.1.1.2 M11.D.1.1.3 M11.D.2.1.2
1-8 Logical Reasoning and Counterexamples	There are no state-mandated Algebra 1 Anchors for this topic.
<b>Chapter 2 Linear Equations</b>	
2-1 Writing Equations	M11.A.1 Number and Operations M11.A.2.1.1 M11.D Algebraic Concepts M11.D.2.1.3 M11.D.3.1.1
2-2 Solving Equations	M11.A.1 Number and Operations M11.A.2.1.1 M11.D Algebraic Concepts M11.D.2.1.3
2-3 Solving Multi-Step Equations	M11.A.1 Number and Operations M11.A.2.1.1 M11.B.1 Measurement M11.B.2.2.4 M11.D Algebraic Concepts M11.D.1.1.1 M11.D.2.1.3
2-4 Solving Equations with the Variable on Each Side	M11.A.1 Number and Operations M11.A.2.1.1 M11.D Algebraic Concepts M11.D.2.1.3

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
2-5 Solving Equations Involving Absolute Value	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.3.1</b> <b>M11.A.1.3.2</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.A.2.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.1</b> <b>M11.D.2.1.2</b>
2-6 Ratios and Proportions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b>
2-7 Percent of Change	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b>
2-8 Literal Equations and Dimensional Analysis	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.3</b>
2-9 Weighted Averages	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.3</b>
<b>Unit 2 Linear Functions and Relations</b>	
<b>Chapter 3 Linear Functions</b>	
3-1 Graphing Linear Equations	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.2</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.4.1.1</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
3-2 Solving Linear Equations by Graphing	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.4.1.1</b>
3-3 Rate of Change and Slope	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.3</b>
3-4 Direct Variation	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>
3-5 Arithmetic Sequences as Linear Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
3-6 Proportional and Nonproportional Relationships	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>
<b>Chapter 4 Linear Functions and Relations</b>	
4-1 Graphing Equations in Slope-Intercept Form	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.2.2.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>
4-2 Writing Equations in Slope-Intercept Form	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
4-3 Writing Equations in Point-Slope Form	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.C.1 Geometry</b> <b>M11.C.1.2.2</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>
4-4 Parallel and Perpendicular Lines	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.C.1 Geometry</b> <b>M11.C.1.2.2, M11.C.3.1.2</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.2.2.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>
4-5 Scatter Plots and Lines of Fit	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.1.1.1</b> <b>M11.E.1.1.2</b> <b>M11.E.4.2.1</b> <b>M11.E.4.2.2</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
4-6 Regression and Median-Fit Lines	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.3</b> <b>M11.D.3.2.1</b> <b>M11.D.3.2.2</b> <b>M11.D.3.2.3</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.1.1.1</b> <b>M11.E.1.1.2</b> <b>M11.E.4.2.1</b> <b>M11.E.4.2.2</b>
4-7 Special Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b>
<b>Chapter 5 Linear Inequalities</b>	
5-1 Solving Inequalities by Addition and Subtraction	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b>
5-2 Solving Inequalities by Multiplication and Division	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b>
5-3 Solving Multi-Step Inequalities	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b>
5-4 Solving Compound Inequalities	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.1</b>
5-5 Inequalities Involving Absolute Value	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.1</b>
5-6 Graphing Inequalities in Two Variables	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
<b>Chapter 6 Systems of Linear Equations and Inequalities</b>	
6-1 Graphing Systems of Equations	<b>M11.C.1 Geometry</b> <b>M11.C.3.1.2</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.4</b> <b>M11.D.3.1.1</b> <b>M11.D.3.2.3</b> <b>M11.D.4.1.1</b>
6-2 Substitution	<b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.4</b>
6-3 Elimination Using Addition and Subtraction	<b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.4</b>
6-4 Elimination Using Multiplication	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.4</b>
6-5 Applying Systems of Linear Equations	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.4</b>
6-6 Organizing Data Using Matrices	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b>
6-7 Using Matrices to Solve Systems of Equations	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.4</b>
6-8 Systems of Inequalities	<b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
<b>Unit 3 Nonlinear Expressions, Equations, and Functions</b>	
<b>Chapter 7 Polynomials</b>	
7-1 Multiplying Monomials	M11.A.1 Number and Operations M11.A.2.1.1 M11.A.2.2.2 M11.C Geometry M11.C.1.1.1
7-2 Dividing Monomials	M11.A.1 Number and Operations M11.A.2.2.1 M11.A.2.2.2
7-3 Scientific Notation	M11.A.1 Number and Operations M11.A.1.1.2 M11.A.2.2.1
7-4 Polynomials	M11.A.1 Number and Operations M11.A.2.1.1
7-5 Adding and Subtracting Polynomials	M11.A.1 Number and Operations M11.A.2.1.1 M11.D Algebraic Concepts M11.D.2.2.1
7-6 Multiplying a Polynomial by a Monomial	M11.A.1 Number and Operations M11.A.2.1.1 M11.A.2.2.1 M11.A.2.2.2 M11.C Geometry M11.C.1.2.2 M11.D Algebraic Concepts M11.D.2.2.1
7-7 Multiplying Polynomials	M11.A.1 Number and Operations M11.A.2.2.2 M11.C Geometry M11.C.1.2.2 M11.D Algebraic Concepts M11.D.2.2.1

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
7-8 Special Products	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.2.1</b> <b>M11.A.2.2.2</b> <b>M11.B Measurement</b> <b>M11.B.2.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.2.1</b>
<b>Chapter 8 Factoring and Quadratic Equations</b>	
8-1 Monomials and Factoring	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.1.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.2.1</b>
8-2 Using the Distributive Property	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.1</b> <b>M11.D.2.2.2</b>
8-3 Quadratic Equations: $x^2 + bx + c = 0$	<b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b>
8-4 Quadratic Equations: $ax^2 + bx + c = 0$	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b>
8-5 Quadratic Equations: Differences of Squares	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
8-6 Quadratic Equations: Perfect Squares	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b>
<b>Chapter 9 Quadratic and Exponential Functions</b>	
9-1 Graphing Quadratic Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.2.1</b> <b>M11.A.3.1.1</b> <b>M11.A.3.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b>
9-2 Solving Quadratic Equations by Graphing	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.3.1</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b>
9-3 Transformations of Quadratic Functions	<b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.1</b>
9-4 Solving Quadratic Equations by Completing the Square	<b>M11.A Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.2.1.1</b> <b>M11.A.3.2.1</b>
9-5 Solving Quadratic Equations by Using the Quadratic Formula	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.2</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b>

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9-6 Exponential Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b> <b>M11.D.3.1.1</b>
9-7 Growth and Decay	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.3.1.1</b>
9-8 Geometric Sequences as Exponential Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.2</b> <b>M11.A.2.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.1.1.2</b> <b>M11.D.2.1.2</b> <b>M11.D.3.1.1</b> <b>M11.D.4.1.1</b>
9-9 Analyzing Functions with Successive Differences and Ratios	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.2</b> <b>M11.A.2.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.1.1.2</b> <b>M11.D.2.1.2</b> <b>M11.D.3.1.1</b> <b>M11.D.4.1.1</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
<b>Unit 4 Advanced Functions and Equations</b>	
<b>Chapter 10 Radical Functions and Geometry</b>	
<b>10-1</b> Square Root Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.1.3.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.3</b> <b>M11.D.2.1.2</b> <b>M11.D.4.1.1</b>
<b>10-2</b> Simplifying Radical Expressions	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.1.1.3</b> <b>M11.A.2.2.1</b>
<b>10-3</b> Operations with Radical Expressions	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.1.1.3</b> <b>M11.A.2.2.1</b> <b>M11.C Geometry</b> <b>M11.C.1.2.2</b>
<b>10-4</b> Radical Equations	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.3.1.1</b> <b>M11.A.3.2.1</b>
<b>10-5</b> The Pythagorean Theorem	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.1.1</b> <b>M11.A.3.2.1</b> <b>M11.C Geometry</b> <b>M11.C.1.2.1</b> <b>M11.C.1.4.1</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
10-6 The Distance and Midpoint Formulas	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.3.1.1</b> <b>M11.A.3.2.1</b> <b>M11.C Geometry</b> <b>M11.C.3.1.1</b>
10-7 Similar Triangles	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.B Measurement</b> <b>M11.B.2.1.1</b> <b>M11.C Geometry</b> <b>M11.C.1.2.1</b> <b>M11.C.1.3.1</b>
10-8 Trigonometric Ratios	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.A.3.2.1</b> <b>M11.B Measurement</b> <b>M11.B.2.1.1</b> <b>M11.C Geometry</b> <b>M11.C.1.2.1</b>
<b>Chapter 11 Rational Functions and Equations</b>	
11-1 Inverse Variation	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.2.1.2</b> <b>M11.D.3.1.1</b> <b>M11.D.4.1.1</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
11-2 Rational Functions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.2</b> <b>M11.A.2.1.3</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.1.1.1</b> <b>M11.D.2.1.2</b> <b>M11.D.3.1.1</b> <b>M11.D.4.1.1</b>
11-3 Simplifying Rational Expressions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.2.2.2</b> <b>M11.A.3.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.2</b> <b>M11.D.2.2.3</b>
11-4 Multiplying and Dividing Rational Expressions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.2.2.2</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.1.5</b> <b>M11.D.2.2.1</b> <b>M11.D.2.2.2</b> <b>M11.D.2.2.3</b>
11-5 Dividing Polynomials	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.2.2.2</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.2.1</b> <b>M11.D.2.2.2</b> <b>M11.D.2.2.3</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
11-6 Adding and Subtracting Rational Expressions	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.2.1</b> <b>M11.D.2.2.2</b> <b>M11.D.2.2.3</b>
11-7 Mixed Expressions and Complex Fractions	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.A.2.1.1</b> <b>M11.A.2.2.1</b> <b>M11.A.2.2.2</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.2.1</b> <b>M11.D.2.2.2</b> <b>M11.D.2.2.3</b>
11-8 Rational Equations	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.2.1</b> <b>M11.A.2.1.1</b> <b>M11.D Algebraic Concepts</b> <b>M11.D.2.2.1</b> <b>M11.D.2.2.2</b> <b>M11.D.2.2.3</b>
<b>Unit 5 Data Analysis</b>	
<b>Chapter 12 Statistics and Probability</b>	
12-1 Designing a Survey	<b>M11.E Data Analysis and Probability</b> <b>M11.E.1.1.1</b> <b>M11.E.1.1.2</b>
12-2 Analyzing Survey Results	<b>M11.E Data Analysis and Probability</b> <b>M11.E.1.1.2</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
12-3 Statistics and Parameters	<b>M11.A.1 Number and Operations</b> <b>M11.A.1.1.1</b> <b>M11.A.1.3.2</b> <b>M11.A.3.1.1</b> <b>M11.A.3.2.1</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.2.1.1</b> <b>M11.E.2.1.2</b> <b>M11.E.4.1.1</b>
12-4 Permutations and Combinations	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.3.1.1</b> <b>M11.E.3.1.2</b> <b>M11.E.3.2.1</b> <b>M11.E.4.1.1</b> <b>M11.E.4.1.2</b>
12-5 Probability of Compound Events	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.3.1.1</b> <b>M11.E.3.1.2</b> <b>M11.E.3.2.1</b> <b>M11.E.4.1.1</b> <b>M11.E.4.1.2</b>
12-6 Probability Distributions	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.1.1.1</b> <b>M11.E.1.1.2</b> <b>M11.E.3.1.1</b> <b>M11.E.3.1.2</b> <b>M11.E.4.1.1</b> <b>M11.E.4.1.2</b>

CHAPTER/LESSON TITLES	COURSE-LEVEL EXPECTATIONS
12-7 Probability Simulations	<b>M11.A.1 Number and Operations</b> <b>M11.A.2.1.1</b> <b>M11.E Data Analysis and Probability</b> <b>M11.E.1.1.2</b> <b>M11.E.3.1.1</b> <b>M11.E.3.1.2</b> <b>M11.E.4.1.1</b> <b>M11.E.4.1.2</b>