Odysseyware[®]

CURRICULUM OVERVIEW

SPARK Mathematics Grade 7



Table of Contents

UNIT 1: COMPUTING UNIT RATES ASSOCIATED WITH RATIOS OF FRACTIONS (7.RP.1)	1
UNIT 2: REPRESENTING PROPORTIONAL RELATIONSHIPS BETWEEN QUANTITIES (7.RP.2)	1
UNIT 3: USING PROPORTIONAL RELATIONSHIPS TO SOLVE PROBLEMS (7.RP.3)	1
Unit 4: Adding and Subtracting Rational Numbers (7.NS.1)	1
UNIT 5: MULTIPLYING AND DIVIDING RATIONAL NUMBERS (7.NS.2)	1
UNIT 6: SOLVING PROBLEMS INVOLVING THE FOUR OPERATIONS WITH RATIONAL NUMBERS (7.NS.3)	1
UNIT 7: CONSIDERING LINEAR EXPRESSIONS WITH RATIONAL COEFFICIENTS (7.EE.1)	1
UNIT 8: REWRITING EXPRESSIONS IN DIFFERENT FORMS (7.EE.2)	1
UNIT 9: SOLVING PROBLEMS POSED WITH POSITIVE AND NEGATIVE RATIONAL NUMBERS (7.EE.3)	2
UNIT 10: USING VARIABLES TO REPRESENT QUANTITIES IN A REAL-WORLD OR MATHEMATICAL PROBLEM (7.EE.4)	2
UNIT 11: SOLVING PROBLEMS INVOLVING SCALE DRAWINGS OF GEOMETRIC FIGURES (7.G.1)	2
Unit 12: Drawing Geometric Shapes With Given Conditions (7.G.2)	2
Unit 13: Describing the Two-Dimensional Figures Resulting from Slicing Three-Dimensional Figures (7.G.3)
	2
UNIT 14: KNOWING AND USING THE FORMULAS FOR THE AREA AND CIRCUMFERENCE OF A CIRCLE (7.G.4)	3
UNIT 15: USING FACTS ABOUT ANGLES IN A MULTI-STEP PROBLEM (7.G.5)	3
UNIT 16: SOLVING REAL-WORLD AND MATHEMATICAL PROBLEMS INVOLVING TWO- AND THREE-DIMENSIONAL OBJECTS	
(7.G.6)	3
UNIT 17: USING STATISTICS TO GAIN INFORMATION ABOUT A POPULATION (7.SP.1)	3
Unit 18: Using Data from a Random Sample (7.SP.2)	3
UNIT 19: ASSESSING THE DEGREE OF VISUAL OVERLAP OF TWO NUMERICAL DATA DISTRIBUTIONS (7.SP.3)	3
Unit 20: Using Measures of Center and Measures of Variability (7.SP.4)	4
UNIT 21: UNDERSTANDING THE PROBABILITY OF A CHANCE EVENT (7, SP, 5)	-
	4
UNIT 22: APPROXIMATING THE PROBABILITY OF A CHANCE EVENT (7.SP.6)	4 4
Unit 22: Approximating the Probability of a Chance Event (7.SP.6) Unit 23: Developing a Probability Model (7.SP.7a)	4 4 4

Assignments 1. Pre-Test: Computing Unit Rates Associated with Ratios of Fractions (7.RP.1)* 2. Defining Unit Rates and Finding Them (7.RP.1) Unit 2: Representing Proportional Relationships Between Assignments 1. Pre-Test: Representing Proportional Relationships between Quantities (7.RP.2)* 2. Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments 1. Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* 2. Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments 1. Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* 2. Representing Addition and Subtraction on Number Line Diagrams (7.NS.1)* Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* 1. Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Unit 6: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* 2. Solving Real-World and Mathematica	 For Solution of Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2)*
 Pre-Test: Computing Unit Rates Associated with Ratios of Fractions (7.RP.1)* Defining Unit Rates and Finding Them (7.RP.1) Unit 2: Representing Proportional Relationships Between Assignments Pre-Test: Representing Proportional Relationships between Quantities (7.RP.2)* Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1) Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)	 a. Post-Test: Computing Unit Rates Associated with Ratic of Fractions (7.RP.1) 4. Solving Unit Rate Problems Involving Mixed and Whole Numbers and Fractions (7.RP.1)* <i>reeen Quantities (7.RP.2)</i> 3. Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) a. Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* blems (7.RP.3) 3. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) a. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) a. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Practions (7.RP.1)* 2. Defining Unit Rates and Finding Them (7.RP.1) Unit 2: Representing Proportional Relationships Between Assignments Pre-Test: Representing Proportional Relationships and Representing Them by Equations (7.RP.2)* 2. Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* 2. Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Unit 7: Considering Linear Expressions With Rational Coefficient (7.E E 1)* 	 A. Solving Unit Rate Problems Involving Mixed and Whole Numbers and Fractions (7.RP.1)* Veen Quantities (7.RP.2) 3. Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) A. Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* blems (7.RP.3) 3. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) 3. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) a. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2)*
 Detrining Guit lates and Hutang Hear (Net 12) Unit 2: Representing Proportional Relationships Between Pre-Test: Representing Proportional Relationships and Representing Them by Equations (7.RP.2)* Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* 	 Whole Numbers and Fractions (7.RP.1)* Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) a. Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) a. Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* blems (7.RP.3) a. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) b. Solving Real-World Problems through Proportional Relationships (7.RP.3)* vs.1) a. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e. 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) a. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) a. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2)*
 Unit 2: Representing Proportional Relationships Between Assignments Pre-Test: Representing Proportional Relationships between Quantities (7.RP.2)* Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations With Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* 	veen Quantities (7.RP.2) 3. Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) ng 4. Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* blems (7.RP.3) 3. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3)* VS.1) 3. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* and 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)* and 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Unit 2: Representing Proportional Relationships Between Assignments Pre-Test: Representing Proportional Relationships and Representing Them by Equations (7.RP.2)* Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Solving Problems Involving the Four Operations With Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* 	Aveen Quantities (7.RP.2) 3. Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) 9.g 4. Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* blems (7.RP.3) 3. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) 5. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) 6. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)* NS With Rational Numbers (7.NS.3)
 Assignments Pre-Test: Representing Proportional Relationships between Quantities (7.RP.2)* Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Solving Problems Involving the Four Operations With Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) 	 Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Pre-Test: Representing Proportional Relationships between Quantities (7.RP.2)* Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) 	 Post-Test: Representing Proportional Relationships between Quantities (7.RP.2) Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Identifying Proportional Relationships and Representing Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World Incomplexity (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* 	 A. Comprehending the Constant of Proportionality in Tables, Graphs, Equations, and Descriptions (7.RP.2)* A. Solving Real-World Problems through Proportional Relationships to Solve Problems (7.RP.3) A. Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) A. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) A. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) A. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) A. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Them by Equations (7.RP.2) Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Solving Problems Involving the Four Operations With Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* 	Tables, Graphs, Equations, and Descriptions (7.RP.2)* blems (7.RP.3) 3. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) 3. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) a. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2) b. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Unit 3: Using Proportional Relationships to Solve Problem Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Pre-Test: Considering Linear Expressions With Rational Coefficients (7.E5.1)* 	3. Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) 4. Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) 3. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) a. Applying Properties of Operation When Multiplying and Dividing Rational Numbers (7.NS.2)* a. Applying Properties of Operation When Multiplying and Dividing Rational Numbers (7.NS.2)*
 Unit 3: Using Proportional Relationships to Solve Problems Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Properations With Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3)* Pre-Test: Considering Linear Expressions With Rational Coefficients (7.E5.1)* 	 Blems (7.RP.3) Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Assignments Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7 E 1)* 	 Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Pre-Test: Using Proportional Relationships to Solve Problems (7.RP.3)* Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coefficients (7.E 1)* 	 Post-Test: Using Proportional Relationships to Solve Problems (7.RP.3) Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coeff Coefficients (7 E 1)* 	 Solving Real-World Problems through Proportional Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
Solving Multi-Step Ratio and Percent Problems (7.RP.3) Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments 1. Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* 2. Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments 1. Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments 1. Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* 2. Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* 2. Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* 2. Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coeff Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coeff	 Relationships (7.RP.3)* NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations With Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments Pre-Test: Considering Linear Expressions with Rational Coef Assignments Pre-Test: Considering Linear Expressions with Rational Coef Assignments	NS.1) 3. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Unit 4: Adding and Subtracting Rational Numbers (7.NS.1) Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7.E.1)* 	 NS.1) Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Assignments Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2)* Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7.E.1)* 	 Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* NS.2) Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Pre-Test: Adding and Subtracting Rational Numbers (7.NS.1)* Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (2 EE 1)* 	 3. Post-Test: Adding and Subtracting Rational Numbers (7.NS.1) e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) a. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Representing Addition and Subtraction on Number Line Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations W dational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff dational (7.E.1)* 	e 4. Applying Properties of Operation When Adding and Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) anal 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
Diagrams (7.NS.1) Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments 1. Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* 2. Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* 2. Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coeff Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coeff Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coeff	Subtracting Rational Numbers (7.NS.1)* .NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) onal 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)* ns With Rational Numbers (7.NS.3)
 Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2) Assignments Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coeff Assignments 	.NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)* ns With Rational Numbers (7.NS.3)
 Unit 5: Multiplying and Dividing Rational Numbers (7.NS.2 Assignments Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coeff Coefficients (7 EF 1)* 	 NS.2) 3. Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) onal 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
Assignments 1. Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* 2. Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* 2. Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coefficients (2 EE 1)*	 Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Pre-Test: Multiplying and Dividing Rational Numbers (7.NS.2)* Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments Pre-Test: Considering Linear Expressions with Rational Coefficience (2 EF 1)* 	 Post-Test: Multiplying and Dividing Rational Numbers (7.NS.2) Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)*
 Describing Real-World Products and Quotients of Rational Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (2 EE 1)* 	onal 4. Applying Properties of Operation When Multiplying an Dividing Rational Numbers (7.NS.2)* ns With Rational Numbers (7.NS.3)
Numbers (7.NS.2) Unit 6: Solving Problems Involving the Four Operations W Assignments 1. Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* 2. Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coef Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coefficients (7 EE 1)*	ns With Rational Numbers (7.NS.2)*
 Unit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7.E.1)* 	ns With Rational Numbers (7.NS.3)
 Onit 6: Solving Problems Involving the Four Operations W Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coeff Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7.E.1)* 	ns with Rational Numbers (7.NS.3)
 Assignments Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7 EE 1)* 	
 Pre-Test: Solving Problems Involving the Four Operations with Rational Numbers (7.NS.3)* Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7.E.1)* 	
 Solving Real-World and Mathematical Problems with Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments Pre-Test: Considering Linear Expressions with Rational Coefficients (7 EF 1)* 	 Post-Test: Solving Problems Involving the Four Operations with Rational Numbers (7 NS 3)
Rational Numbers (7.NS.3) Unit 7: Considering Linear Expressions With Rational Coef Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coefficients (7.EE.1)*	 Operations with Rational Numbers (7.NS.3)* Operating with Complex Fractions (7.NS.3)*
Unit 7: Considering Linear Expressions With Rational Coef Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coefficients (2 EE 1)*	, ,
Unit 7: Considering Linear Expressions With Rational Coef Assignments 1. Pre-Test: Considering Linear Expressions with Rational Coefficients (7 EF 1)*	
Assignments 1. Pre-Test: Considering Linear Expressions with Rational Configurate (7 EE 1)*	Coefficients (7.EE.1)
1. Pre-Test: Considering Linear Expressions with Rational	
	 Post-Test: Considering Linear Expressions with Rationa Coefficients (7 FF 1)
 Applying Properties of Operations to Simplify Expressions 	ons 4. Adding, Subtracting, Factoring, and Expanding
(7.EE.1)	Expressions with Rational Coefficients (7.EE.1)*

- Pre-Test: Rewriting Expressions in Different Forms (7.EE.2)*
 - Shedding Light on How Quantities are Related (7.EE.2)
- 3. Post-Test: Rewriting Expressions in Different Forms (7.EE.2)
- Using Expressions to Interpret How Quantities are Related (7.EE.2)*

Unit 9: Solving Problems Posed With Positive and Negative Rational Numbers (7.EE.3)

Assignments

- 1. Pre-Test: Solving Problems Posed with Positive and Negative Rational Numbers (7.EE.3)*
- 2. Solving Multi-Step Problems with Rational Numbers (7.EE.3)
- 3. Post-Test: Solving Problems Posed with Positive and Negative Rational Numbers (7.EE.3)
- Converting between Form of Rational Numbers and Assessing Reasonableness of Answers (7.EE.3)*

Unit 10: Using Variables to Represent Quantities in a Real-World or Mathematical Problem (7.EE.4)

Assignments

- 1. Pre-Test: Using Variables to Represent Quantities in a Real-World or Mathematical Problem (7.EE.4)*
- 2. Using Variables to Represent Quantities (7.EE.4)
- 3. Post-Test: Using Variables to Represent Quantities in a Real-World or Mathematical Problem (7.EE.4)
- 4. Constructing Simple Equations and Inequalities to Solve Problems (7.EE.4)*
- Solving Problems by Reasoning about the Quantities (7.EE.4)*
- Constructing, Solving, and Graphing Inequalities (7.EE.4)*

Unit 11: Solving Problems Involving Scale Drawings of Geometric Figures (7.G.1)				
Assignments				
1.	Pre-Test: Solving Problems Involving Scale Drawings of Geometric Figures (7.G.1)*	3.	Post-Test: Solving Problems Involving Scale Drawings of Geometric Figures (7.G.1)	
2.	Computing Actual Lengths and Areas from a Scale Drawing (7.G.1)	4.	Reproducing a Scale Drawing at a Different Scale (7.G.1)*	
Unit 12: Drawing Geometric Shapes With Given Conditions (7.G.2)				
Assig	Assignments			

Assig	Assignments				
1.	Pre-Test: Drawing Geometric Shapes with Given Conditions (7.G.2)*	3. Pos Cor	st-Test: Drawing Geometric Shapes with Given nditions (7.G.2)		
2.	Focusing on Constructing Triangles (7.G.2)	4. Cre	eating a Triangle Given Three Angle Measures and		
		Sid	e Lengths (7.G.2)*		

Unit 13: Describing the Two-Dimensional Figures Resulting from Slicing Three-Dimensional Figures (7.G.3)

Assignments					
1.	Pre-Test: Describing the Two-Dimensional Figures Resulting from Slicing Three-Dimensional Figures (7.G.3)*	3.	Post-Test: Describing the Two-Dimensional Figures Resulting from Slicing Three-Dimensional Figures (7.G.3)		
2.	Identifying a Cross-Section (7.G.3)	4.	Forming Two-Dimensional Figures from Cross- Sections of Right Rectangular Prisms and Pyramids (7.G.3)*		

Assig	nments		
1.	Pre-Test: Knowing and Using the Formulas for the Area and Circumference of a Circle (7.G.4)*	3.	Post-Test: Knowing and Using the Formulas for the Are and Circumference of a Circle (7.G.4)
2.	Understanding How the Formulas for the Area and Circumference of a Circle are Derived (7.G.4)	4.	Using the Formulas for the Area and Circumference of Circle to Solve Problems (7.G.4)*
Unit	15: Using Facts About Angles in a Multi-Step Problen	n (7.G.5)
Assig	nments		
1.	Pre-Test: Using Facts about Angles in a Multi-Step Problem (7.G.5)*	3.	Post-Test: Using Facts about Angles in a Multi-Step Problem (7.G.5)
2.	Understanding and Identifying Various Angles (7.G.5)	4.	Using Various Angles in Problem-Solving (7.G.5)*
Unit	16: Solving Real-World and Mathematical Problems	Involvir	ng Two- and Three-Dimensional Objects (7.G.6)
Assig	nments		
1.	Pre-Test: Solving Real-World and Mathematical	4.	Finding the Surface Area and Volume of a Right
	Problems Involving Two- and Three-Dimensional		Prism (7.G.6)*
	Objects (7.G.6)*	5.	Solving Real-World and Mathematical Problems
2.	Solving Real-World and Mathematical Problems		Involving Area (7.G.6)*
	Involving Surface Area and Volume (7.G.6)	6.	Finding the Areas of a Parallelogram, Trapezoid, Kite,
3.	Post-Test: Solving Real-World and Mathematical		and Regular Polygon (7.G.6)*
	Problems Involving Two- and Three-Dimensional		
	Objects (7.6.6)		
Unit	17: Using Statistics to Gain Information About a Pop	ulation	(7.SP.1)
Assig	nments		
1.	Pre-Test: Using Statistics to Gain Information about a Population (7.SP.1)*	3.	Post-Test: Using Statistics to Gain Information about a Population (7.SP.1)
2.	Understanding Why Statistics are Used and When Generalizations are Valid (7.SP.1)	4.	Using Random Sampling (7.SP.1)*
Unit	18: Using Data from a Random Sample (7.SP.2)		
Assig	nments	_	
1.	Pre-Test: Using Data from a Random Sample (7.SP.2)*	3.	Post-Test: Using Data from a Random Sample
2.	Using Data from a Random Sample to Draw		(7.SP.2)
	Inferences (7.SP.2)	4.	Using Multiple Samples to Gauge Variation in
			Predictions (7.SP.2)*

Assig	Assignments					
1.	Pre-Test: Assessing the Degree of Visual Overlap of Two	3.	Post-Test: Assessing the Degree of Visual Overlap of Two			
	Numerical Data Distributions (7.SP.3)*		Numerical Data Distributions (7.SP.3)			
2.	Using Dot Plots to Find Measures of Center and Variability	4.	Using Dot Plots to Assess Overlap of Two Data			
	(7.SP.3)		Distributions (7.SP.3)*			

Unit 20: Using Measures of Center and Measures of Variability (7.SP.4)				
Assi	gnments			
1.	Pre-Test: Using Measures of Center and Measures of Variability (7.SP.4)*	3.	Post-Test: Using Measures of Center and Measures of Variability (7.SP.4)	
2.	Finding Measures of Center and Measures of Variability for Numerical Data (7.SP.4)	4.	Using Measures of Center and Variability to Make Comparisons (7.SP.4)*	
Unit	21. Understanding the Probability of a Chance Event (7 SP 5		
Assia	znments	7.31.13	1	
1.	Pre-Test: Understanding the Probability of a Chance Event (7.SP.5)*	3.	Post-Test: Understanding the Probability of a Chance Event (7.SP.5)	
2	Understanding the Likelihood of an Event Occurring	4		
۷.	(7.SP.5)	4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)*	
Ζ.	(7.SP.5)	4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)*	
Unit	(7.SP.5)	4. 7.SP.6	Using Probability to Identify the Likelihood of an Event (7.SP.5)*	
Unit Assig	(7.SP.5)	4. 7.SP.6	Using Probability to Identify the Likelihood of an Event (7.SP.5)*	
Unit Assig	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event (7.SP.6)*	4. 7.SP.6 3.	Using Probability to Identify the Likelihood of an Event (7.SP.5)*) Post-Test: Approximating the Probability of a Chance Event (7.SP.6)	
Unit Assig 1. 2.	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event (7.SP.6)* Observing the Long-Run Relative Frequency of an Event (7.SP.6)	4. 7.SP.6 3. 4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)*) Post-Test: Approximating the Probability of a Chance Event (7.SP.6) Predicting the Approximate Frequency Using the Probability (7.SP.6)*	
Unit Assig 1. 2.	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event (7.SP.6)* Observing the Long-Run Relative Frequency of an Event (7.SP.6)	4. 7.SP.6 3. 4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)* Post-Test: Approximating the Probability of a Chance Event (7.SP.6) Predicting the Approximate Frequency Using the Probability (7.SP.6)*	
Unit Assig 1. 2. Unit	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event (7.SP.6)* Observing the Long-Run Relative Frequency of an Event (7.SP.6)	4. 7.SP.6 3. 4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)* Post-Test: Approximating the Probability of a Chance Event (7.SP.6) Predicting the Approximate Frequency Using the Probability (7.SP.6)*	
Unit Assig 1. 2. Unit Assig	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event (7.SP.6)* Observing the Long-Run Relative Frequency of an Event (7.SP.6) t 23: Developing a Probability Model (7.SP.7a) gnments	4. 7.SP.6 3. 4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)*) Post-Test: Approximating the Probability of a Chance Event (7.SP.6) Predicting the Approximate Frequency Using the Probability (7.SP.6)*	
Unit Assig 1. 2. Unit Assig 1.	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event ((7.SP.6)* Observing the Long-Run Relative Frequency of an Event ((7.SP.6) t 23: Developing a Probability Model (7.SP.7a) gnments Pre-Test: Developing a Probability Model (7.SP.7a)*	4. 7.SP.6 3. 4. 3.	Using Probability to Identify the Likelihood of an Event (7.SP.5)*) Post-Test: Approximating the Probability of a Chance Event (7.SP.6) Predicting the Approximate Frequency Using the Probability (7.SP.6)* Post-Test: Developing a Probability Model (7.SP.7a)	
Unit Assis 1. 2. Unit Assis 1. 2.	(7.SP.5) t 22: Approximating the Probability of a Chance Event (gnments Pre-Test: Approximating the Probability of a Chance Event ((7.SP.6)* Observing the Long-Run Relative Frequency of an Event ((7.SP.6) t 23: Developing a Probability Model (7.SP.7a) gnments Pre-Test: Developing a Probability Model (7.SP.7a)* Developing a Uniform Probability Model (7.SP.7a)	4. 7.SP.6 3. 4. 3. 4.	Using Probability to Identify the Likelihood of an Event (7.SP.5)* Post-Test: Approximating the Probability of a Chance Event (7.SP.6) Predicting the Approximate Frequency Using the Probability (7.SP.6)* Post-Test: Developing a Probability Model (7.SP.7a) Developing a Probability Model by Observing	

Assignments					
1.	Pre-Test: Finding Probabilities of Compound Events (7.SP.8a)*	3.	Post-Test: Finding Probabilities of Compound Events (7.SP.8a)		
2.	Representing Sample Spaces and Finding Probability for Compound Events (7.SP.8a)	4.	Using Simulations to Model Compound Events (7.SP.8a)*		

(*) Indicates alternative assignment