

The individual student ADAM progress or detail report will range from 10 to 15 pages. It identifies the exact instructional points within the scope and sequence of the 44 sub-tests of ADAM.



ADAM® Progress Report
(Adaptive Diagnostic Assessment of Mathematics)

- ✓ Mastered or "on-grade" sub-test
- ✗ Below grade sub-test
- ➔ Skill to teach 1st in each sub-test
- ➔ Next skill(s) to teach

Red coloring indicates priority (below grade)

Student: **Florence Alvarez**
 Teacher: **JESSICA GETER**
 Assessment Date: **05/29/2018**
 Age: **12 yrs 6 months**
 Grade: **6.8**

Summary of Scores (Score Ranges by grade)

									05/29/2018	
K	1	2	3	4	5	6	7	Raw Score	Grade Level	
Numbers and Operations										
1-4	5-13	14-22	23-41	42-61	62-83	84-91	92-105	62	5.04	
Measurement										
1-2	3-4	5-12	13-18	19-26	27-31	NA	32-34	16	3.57	
Data Analysis										
1-1	2-4	5-9	10-12	13-16	17-21	22-27	28-36	16	4.8	
Geometry										
1-4	5-7	8-10	11-19	20-30	31-36	37-44	45-53	23	4.31	
Algebra										
1-1	2-4	5-6	7-13	14-20	21-25	26-31	32-43	23	5.5	
TOTAL										
0-12	13-32	33-59	60-103	104-154	155-196	197-224	225-271	140	4.71	

These strand and total grade-level scores allow for growth measurement of each student individually or for sites aggregately

Numbers and Operations

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Numbers (0 to 4.9)				

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Place Value (<1 to 5.9)				

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Comparing and Ordering (0 to 4.9)				

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Addition of Whole Numbers (0 to 4.9)				

All skills of this sub-test mastered.

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Subtraction of Whole Numbers (<1 to 4.9)				

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗	Multiplication of Whole Numbers (<3 to 5.9)				

	Multiplication (2 and 3 digit number by a 2 digit number)		8	5.5	+
→→	Multiplication (Commutative, Associative, & Distributive Terminology)	Florence correctly identify the commutative, associative, and distributive properties.	9	5.9	-

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗	Division of Whole Numbers (<3 to 5.9)				

	Division (1 Digit Divisor and Remainders)		2	3.6	+
→→	Division Facts	Florence will divide using a single-digit divisor, with no remainders.	3	3.9	-
→	Division (Whole Numbers)	Florence will long divide, with no remainders.	4	4.9	-
→	Division (4 Digits)	Florence will divide four-digits numbers, with no remainders.	5	5.9	-

These double arrows identify this student's instructional point within the scope and sequence of the place value sub-test. The arrows are red indicating the student's instructional point is below grade-level.

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Fractions (<1 to 7.9)					
	Fractions (Solving Problems)		10	3.9	+
→→	Fractions (Equivalent Fractions Lowest Terms)	Florence will express fractions in the lowest terms.	11	4.2	-
→	Fractions (as Decimals and Place Value Tenth and Hundredth)	Florence will express fractions as decimals.	12	4.3	NT
→	Fractions (Comparing and Ordering)	Florence will compare and order fractions.	13	4.5	-
→	Fractions (Least Common Multiple)	Florence will calculate the least common multiple.	14	4.6	NT
→	Fractions (Adding like Denominators)	Florence will add fractions with like denominators.	15	4.8	NT
→	Multiplying Fractions by a Whole Number	Florence will multiply fractions by a whole number.	16	4.9	NT
→	Fractions (Proper, Improper, and Mixed Fractions)	Florence will identify proper fractions, improper fractions, and mixed numbers.	17	5.2	NT
→	Fractions (Adding Unlike Denominators)	Florence will add fractions with unlike denominators.	18	5.3	NT
→	Subtracting Fractions	Florence will subtract fractions.	19	5.5	NT
→	Fractions (Multiplying Patterns of Fractions)	Florence will multiply fractions.	20	5.6	NT
→	Fractions (Multiplying & Dividing Fractions)	Florence will multiply and divide fractions.	21	5.8	NT
→	Solving Problems Using Fractions	Florence will solve word problems using fractions.	22	5.9	NT
→	Multiplying and Dividing Positive Fractions	Florence will multiply and divide fractions.	23	6.5	NT
→	Least Common Multiple & Greatest Common Factor	Florence will calculate the least common multiple and greatest common factor.	24	6.9	NT
→	Converting Fractions	Florence will convert fractions.	25	7.5	NT
→	Adding and Subtracting Fractions (Unlike Denominator)	Florence will add and subtract fractions with unlike denominators.	26	7.9	NT

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Number Theory (<4 to 5.9)					
	Number Theory (Multiples)		3	4.9	+
→→	Number Theory (Prime/Composite Numbers)	Florence will identify prime and composite numbers.	4	5.2	-
→	Number Theory (Prime Factors)	Florence will identify prime factors.	5	5.5	NT
→	Number Theory (Common Greatest Factors)	Florence will identify greatest common factors.	6	5.7	-
→	Number Theory (Divisibility Rules)	Florence will use divisibility rules.	7	5.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓ Decimal Operations (<5 to 7.9)					

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Percentages (<5 to 7.9)					
	Percentages (Ratios)		3	5.5	+
→→	Percentages (Proportions)	Florence will identify missing elements of proportions.	4	5.7	-
→	Percentages (Estimating and Calculating)	Florence will estimate percentages.	5	5.9	-
→	Percentages (Calculate)	Florence will calculate percentages.	6	6.9	NT
→	Percentages (Increase and Decrease)	Florence will calculate percentage increase and decrease.	7	7.5	NT
→	Discounts and Markups	Florence will solve word problems involving discount and markup percentages.	8	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Ratios and Proportions (<6 to 7.9)					
			0	<6	-
→→	Interpreting and Using Ratios	Florence will interpret ratios.	1	6.9	-
→	Using Proportions to Solve Problems	Florence will solve word problems involving proportions.	2	7.9	NT

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Positive and Negative Integers (<6 to 7.9)					
			0	<6	-
→→	Positive and Negative Numbers	Florence will identify positive and negative numbers.	1	6.2	-
→	Ordering Rational Numbers	Florence will put rational numbers in order.	2	6.5	NT
→	Solving Problems with Integer Operations	Florence will solve word problems involving integer operations.	3	6.7	NT
→	Absolute Value	Florence will determine absolute value.	4	6.9	NT
→	Adding and Subtracting Negative Numbers	Florence will add and subtract positive and negative numbers.	5	7.5	NT
→	Multiplying and Dividing Negative Numbers	Florence will multiply and divide positive and negative numbers.	6	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Exponents (<7 to 7.9)					
			0	<7	-
→→	Scientific Notation	Florence will write numbers in scientific notation.	1	7.2	-
→	Rational Integer Operations and Powers	Florence will calculate using rational integer operations.	2	7.3	NT
→	Irrational Numbers	Florence will calculate with irrational numbers.	3	7.5	NT
→	Pos. & Neg. Whole Number Exponents	Florence will calculate using negative exponents.	4	7.6	NT
→	Square Roots	Florence will calculate square roots.	5	7.8	NT
→	Rational Numbers and Exponent Rules	Florence will identify and apply rules of exponents.	6	7.9	NT

Measurement

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Money (0 to 2.9)					
	Money (Recognition)		1	0.9	+
→→	Money (Values)	Florence will identify the value of a group of coins.	2	2.9	-

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Time (<1 to 3.9)				

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Temperature (<2 to 3.9)				

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗	Converting Units (More Complex) (0 to 5.9)				

	Number Line		3	2.5	+
→→	Customary & Metric (Concepts of Length)	Florence will demonstrate basic understanding of the concept of length.	4	2.9	-
→	Length (Customary and Metric Units)	Florence will measure length using customary and metric units.	5	3.9	-
→	Customary (Length)	Florence will measure length using customary units.	6	4.2	NT
→	Customary (Converting Units of Length)	Florence will convert customary units of length.	7	4.3	NT
→	Customary (Comparing Units of Length)	Florence will compare customary units of length.	8	4.5	NT
→	Metric (Length)	Florence will measure length using metric units.	9	4.6	NT
→	Metric (Converting Units of Length)	Florence will convert metric units of length.	10	4.8	NT
→	Metric (Comparing Metric Length)	Florence will compare metric units of length.	11	4.9	NT
→	Converting Units (More Complex)	Florence will convert units that require more than one step.	12	5.9	NT

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Weight (<2 to 5.9)					
	Weight (Customary)		2	3.9	+
➔➔	Weight (Units of Measure)	Florence will identify the appropriate unit for different measures of weight.	3	4.9	-
➔	Weight (Converting and Comparing Units of weight)	Florence will compare and convert customary and metric units of weight.	4	5.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Capacity & Volume (<2 to 5.9)					
	Capacity (Units of Measure)		3	3.9	+
	Customary (Units of Capacity/Volume)		4	5.5	+
➔	Metric (Comparing Metric Capacity/Volume)	Florence will compare and convert metric units of capacity.	5	5.9	-

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Rate (<5 to 7.9)					
			0	<5	-
➔➔	Understanding Rate	Florence will solve simple word problems involving rate.	1	5.5	-
➔	Solving Problems Using Rate	Florence will solve multi-step word problems involving rate.	2	5.9	NT
➔	Comparing Rates	Florence will solve more complicated word problems involving rates.	3	7.3	NT
➔	Scale	Florence will solve word problems involving pictures drawn to scale.	4	7.6	NT
➔	Solving Rate Problems	Florence will solve rate problems using metric units.	5	7.9	NT

Data Analysis

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓ Patterns & Sorting (0 to 2.9)					

All skills of this sub-test mastered.

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓	Data Representation (<1 to 2.9)				

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗	Simple Probability (<3 to 7.9)				

	Simple Probability		2	4.9	+
→→	Estimating Future Events	Florence will estimate the probability of future events, given present data.	3	6.9	-
→	Representing Probabilities	Florence will represent probability in terms of decimals and percentages.	4	7.5	NT
→	Probability of Multiple Events	Florence will calculate probabilities of multiple events.	5	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗	Outcomes (<3 to 6.9)				

			0	<3	-
→→	Recording Outcomes	Florence will identify possible outcomes from simple events (i.e. coin toss or die roll)	1	3.5	-
→	Representing Results	Florence will read and interpret line graphs representing results.	2	3.9	-
→	Representing Outcomes	Florence will identify the correct tree diagram of possible results for compound events.	3	4.9	-
→	Representing Possible Outcomes	Florence will correctly identify possible outcomes for simple and compound events.	4	6.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗	Displaying Data (<4 to 7.9)				

	Displaying Data		2	5.5	+
→→	Comparing Data (Fractions and Percents)	Florence will identify the correct fraction representations for percent for various data.	3	5.9	-
→	Data Representation	Florence will read and interpret a variety of graphs	4	7.5	-
→	Scatterplots	Florence will read and interpret scatterplots.	5	7.9	NT

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Measures of Central Tendency (<4 to 7.9)					
	Mean, Median, and Mode (Conceptual)		1	4.9	+
→→	Mean, Median, and Mode (Computing)	Florence will calculate mean, median, and mode from data presented in a table.	2	5.9	-
→	Computing Measures of Central Tendency	Florence will compute mean, median, mode, and range from give data.	3	6.3	NT
→	Changing Central Tendency	Florence will identify changes in measures of central tendency when the data set also changes.	4	6.5	NT
→	Outliers	Florence will identify how measures of central tendency change when an outlier is removed.	5	6.8	NT
→	Use of Measures of Central Tendency	Florence will solve word problems involving measures of central tendency.	6	6.9	NT
→	Data Set Quartiles	Florence will calculate quartiles for a given data set.	7	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓ Ordered Pairs (<5 to 5.9)					

All skills of this sub-test mastered.

Geometry

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓ Location & Direction (0 to 0.9)					

All skills of this sub-test mastered.

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ 2D Shapes (0 to 7.9)					
	Symmetry		9	4.9	+
→→	Elements of Geometric Figures	Florence will identify attributes of polygons.	10	7.3	-
→	Translations and Reflections	Florence will identify correct translations and reflections of a given shape.	11	7.6	-
→	Solving Problems Involving Congruence	Florence will solve word problems involving congruence.	12	7.9	NT

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ 3D Shapes (<1 to 7.9)					
	Qualities of 3D Figures		4	4.9	+
→→	Patterns for 3D Figures	Florence will identify the 3D figure that would be constructed given a 2D pattern.	5	7.5	-
→	3D Geometric Elements	Florence will identify attributes of different 3D shapes.	6	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Triangles (<3 to 7.9)					
	Triangle (Definitions)		3	5.9	+
→→	Solving for Unknown Angles	Florence will solve for the missing angle in a triangle.	4	6.9	-
→	Pythagorean Theorem	Florence will use the pythagorean theorem to solve for a missing side length of a right triangle.	5	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Quadrilaterals (<3 to 5.9)					
	Quadrilaterals (Attributes)		1	3.9	+
→→	Quadrilateral (Definitions)	Florence will identify the correct definitions for given quadrilaterals.	2	5.9	-

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Area & Perimeter (<2 to 7.9)					
	Area (Square Units Shown)		2	3.3	+
→→	Area vs Perimeter (Figures with the Same Area, Different Perimeters)	Florence will identify pairs of different rectangles with either the same area or same perimeter.	3	3.6	-
→	Solving for Area vs Perimeter	Florence will identify the formulae for area and perimeter, and use them to calculate area and perimeter.	4	3.9	-
→	Area and Perimeter (Word Problems)	Florence will solve word problems that involve calculating area and perimeter.	5	4.9	-
→	Units of Measure (2D & 3D Shapes)	Florence will identify the correct unit of measurement when calculating perimeter and area.	6	5.9	NT
→	Area of Triangles and Parallelograms	Florence will calculate the area of triangles and parallelograms.	7	6.9	NT
→	Perimeter, Area, and Volume	Florence will calculate perimeter, area, surface area, and volume.	8	7.5	NT
→	Area of Complex Figures	Florence will calculate the area of non-standard figures.	9	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Lines (<4 to 4.7)					
			0	<4	-
→→	Plotting Points of a Linear Equation	Florence will plot points from a linear equation.	1	4.2	-
→	Horizontal Line Segment Length	Florence will calculate the length of a horizontal line segment, given the points at which it begins and ends.	2	4.4	NT
→	Vertical Line Segment Length	Florence will calculate the length of a vertical line segment, given the points at which it begins and ends.	3	4.5	NT
→	Parallel and Perpendicular Lines	Florence will identify parallel and perpendicular lines.	4	4.7	NT

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✗ Circles (<4 to 6.9)					

			0	<4	-
→→	Qualities of a Circle	Florence will identify attributes of circles.	1	4.9	-
→	Pi	Florence will identify and use formulae for circumference and area of a circle.	2	6.5	NT
→	Calculating using Pi	Florence will calculate circumference and area of circles.	3	6.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Angles (<4 to 6.9)					

			0	<4	-
→→	Angles and Angle Measurement	Florence will identify types of angles by their measurements.	1	4.9	-
→	Sum of Angles	Florence will identify missing angles in a circle.	2	5.9	NT
→	Types of Angles	Florence will identify relationships between angles.	3	6.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Volume & Surface Area (<5 to 7.9)					

	Volume		2	5.9	+
→→	Volume of Triangular Prisms and Cylinders	Florence will calculate volume of triangular prisms and cylinders.	3	6.9	-
→	Surface Area and Volume of Complex Solids	Florence will calculate volume and surface area of complex solids.	4	7.9	NT

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Geometric Relationships (<6 to 7.9)					
			0	<6	-
→→	Using Variables in Geometric Equations	Florence will use variables to solve geometric equations.	1	6.5	-
→	Expressing Geometric Relationship	Florence will express relationships between 3D shapes.	2	6.9	NT
→	Changes of Scale	Florence will calculate changes in scale.	3	7.9	NT

Algebraic Thinking

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✓ Relationships (0 to 4.9)					

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Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Expressions & Problem Solving (<1 to 7.9)					
	Selecting Operations		6	3.9	+
→→	Mathematical Expressions (Using Parentheses)	Florence will simplify expressions that involve parentheses.	7	4.5	-
→	Order of Operations (with Parentheses)	Florence will simplify expressions that involve applying rules of the order of operations.	8	4.9	NT
→	Using Distributive Property	Florence will simplify expressions or solve equations that involve using the distributive property.	9	5.9	NT
→	Writing Algebraic Expressions	Florence will identify the correct expression when given the same in words.	10	6.3	-
→	Equivalent Expressions	Florence will identify the expression that is equivalent to a given expression.	11	6.5	NT
→	Applying Order of Operations	Florence will simplify expressions, by applying the order of operations, including exponents.	12	6.8	NT
→	Solving Problems Using Order of Operations	Florence will solve problems by applying knowledge of the order of operations.	13	6.9	NT
→	Writing Expressions	Florence will write expressions and equations to represent a given scenario.	14	7.2	NT
→	Using Order of Operations to Evaluate Expressions	Florence will simplify expressions using the order of operations.	15	7.4	NT
→	Simplifying Expressions	Florence will simplify expressions involving variables and exponents.	16	7.6	NT
→	Positive Whole Number Powers	Florence will apply knowledge of bases and exponents.	17	7.8	NT
→	Multiplying and Dividing Monomials	Florence will multiply or divide two monomials.	18	7.9	NT

- ✓ Mastered or "on-grade" sub-test
 - ✗ Below grade sub-test
 - Skill to teach 1st in each sub-test
 - Next skill(s) to teach
- Red coloring indicates priority (below grade)

Student: **Florence Alvarez**
 Teacher: **JESSICA GETER**
 Assessment Date: **05/29/2018**
 Age: **12 yrs 6 months**
 Grade: **6.8**

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Equations (<3 to 7.9)					
	Solving One-Step Linear Equations		9	6.5	+
→→	Solving One-Step Inequalities	Florence will solve one-step inequalities.	10	6.9	-
→	Algebraic Terminology	Florence will identify and use algebraic vocabulary (constant, coefficient, equation, expression, etc).	11	7.3	-
→	Solving Two-Step Linear Equations	Florence will solve two-step equations.	12	7.6	NT
→	Solving Multi-Step Rate Problems	Florence will solve multi-step problems involving rate.	13	7.9	NT

Sub-Test	Section Title	Instructional Goal	Section Score	Gr. Lv. Score	05/29/2018
✗ Graphing Algebraic Relationships (<5 to 7.9)					
	Coordinate Plane		1	5.9	+
→→	Graphic Representations	Florence will identify different graphic representations of information.	2	7.3	-
→	Graphing Functions	Florence will identify the correct graph of a function.	3	7.5	NT
→	Slope	Florence will demonstrate knowledge of the slope of a line.	4	7.8	NT
→	Plotting Set Ratios	Florence will solve problems involving ratios and linear functions.	5	7.9	NT