Student   _____

Directions: Circle one letter for each topic. "R" for "needs review," "T" for "Needs to be taught," or "U" for "Understands."

LEVEL A			
1	R T U	p. 51	**Number:** Developing understanding of whole number place value for tens and ones.
2	R T U	p. 52	**Number:** Developing understanding of addition and subtraction and the properties of these operations (commutative and associative properties of addition).
3	R T U	pp. 52-53	**Geometry:** Describing and reasoning about shapes and their attributes. (2 and 3 dimensions) (Attributes: # sides, vertices, composite shapes)
4	R T U	p. 53	**Geometry:** Developing understanding of linear measurement
LEVEL B			
1	R T U	p. 54	**Number:** Extending the understanding of base-10 notation. (place value to 1000 and expand, e.g., 1204 = 1000 + 200 + 4)
2	R T U	pp. 54-55	**Number:** Adding and subtracting to 1000, fluency and application to 100
3	R T U	p. 55	**Number:** Understanding multiplication and division of whole numbers to 100 (Distributive property of multiplication over addition, e.g., 3(4 + 2) = 3(4) + 3(2).
4	R T U	p. 56	**Number:** Understanding division as inverse (opposite) of multiplication.
5	R T U	p. 55	**Number:** Developing undertstanding of fractions, especially unit fractions (1/1, 1/2, 1/3, etc.)
6	R T U	p. 58	**Geometry:** Using metric units of measure for length, time, liquid volume, and mass (same units).
7	R T U	pp. 58-59	**Geometry:** Developing understanding of area and its relationship to addition and multiplication.
8	R T U	p. 57	**Geometry:** Analyzing and partitioning 2-dimensional shapes (shared attributes, e.g., rhombus, square and rectangle are all quadrilaterals).

Resource: Major Work of the levels
Page Numbers Correlate to CCRS for Adult Education

Student _____

Directions: Circle one letter for each topic. "R" for "needs review," "T" for "Needs to be taught," or "U" for "Understands."

Level C			
1	R T U	p. 62	**Number:** Extending the number system to positive rational numbers.
2	R T U	p. 61	**Number:** Extending place value understanding for decimals to thousandths; also, estimation
3	R T U	p. 61	**Number:** Attaining fluency with operations, using multi-digit whole numbers and decimals
4	R T U	p. 62	**Number:** Understanding fraction equivalence and comparison (e.g., 1/2 = 4/8; 2/3 > 1/2)
5	R T U	p. 63	**Number:** Developing fluency with sums and differences of fractions
6	R T U	p. 64	**Number:** Connecting ratio and rate to whole number multiplication and division.
7	R T U	p. 65	**Algebra:** Writing, evaluating, and interpreting expressions and equations.
8	R T U	p. 67	**Geometry:** Developing understanding of the coordinate plane.
9	R T U	p. 67	**Geometry:** Classifying geometric 2-dimensional figures based on properties.
10	R T U	p. 67	**Geometry:** Developing an understanding and solving problems involving volume and surface area.
11	R T U	p. 69	**Statistics and Probability:** Developing an understanding of statistical variability.

Student _____

Directions: Circle one letter for each topic. "R" for "needs review," "T" for "Needs to be taught," or "U" for "Understands."

			Level D
1	R T U	pp. 70 - 71	**Number:** Extending number sense and fluency with all operations to all rational numbers.
2	R T U	p. 72	**Number:** Understanding ratio and rate and using them to solve problems.
3	R T U	pp. 72-73	**Algebra:** Applying proportional relationships.
4	R T U	p. 73	**Algebra:** Working with expressions and linear equations.
5	R T U	p. 74	**Algebra:** Solving linear equations and systems of linear equations.
6	R T U	p. 75	**Algebra:** Graphing functions in the coordinate plane and analyzing their graphs.
7	R T U	p. 75	**Geometry:** Solving problems involving scale drawings.
8	R T U	p. 75	**Geometry:** Solving problems involving 2- and 3-dimensional figures: area, surface area, and volume.
9	R T U	p. 76	**Geometry:** Analyzing 2- and 3-dimensional shapes using side length and angle measurements, similarity, and congruence.
10	R T U	p. 76	**Geometry:** Applying the Pythagorean Theorem.
11	R T U	pp. 77-78	**Statistics and Probability:** Understanding patterns of association for bivariate data and describing them with a linear equation, when appropriate.
12	R T U	p. 76	**Statistics and Probability:** Summarizing and interpreting data and data distributions.
13	R T U	p. 77	**Statistics and Probability:** Understanding and applying probability concepts.
14	R T U	p. 77	**Statistics and Probability:** Drawing inferences about populations based on random samples (probability distributions).

Student _____

Directions: Circle one letter for each topic. "R" for "needs review," "T" for "Needs to be taught," or "U" for "Understands."

Level E			
1	R T U	p. 79	**Number:** Extending understanding of number systems to the set of real numbers.
2	R T U	p. 79	**Number:** Writing equivalent expressions involving radicals and rational exponents.
3	R T U	p. 80	**Number:** Reasoning quantitatively and the use of units and appropriate levels of precision.
4	R T U	p. 82	**Algebra:** Defining, evaluating, comparing, and modeling with linear, quadratic, and exponential functions and equations.
5	R T U	pp. 81-82	**Algebra:** Building, interpreting, and analyzing functions using different representations.
6	R T U	pp. 81-82	**Algebra:** Reasoning with and solving linear, quadratic, and exponential equations and linear inequalities.
7	R T U	pp. 79-80	**Algebra:** Interpreting and using the structure of expressions to solve problems.
8	R T U	p. 80	**Algebra:** Operating with algebraic expressions, including polynomials and rational expressions.
9	R T U	p. 83	**Geometry:** Applying similarity and congruence concepts to geometric figures, including triangles.
10	R T U	pp. 83-84	**Geometry:** Using geometric models and volume formulas to solve measurement problems.
11	R T U	pp. 83-84	**Statistics and Probability:** Summarizing, representing, and interpreting one- and two-variable data, including using frequency tables.