

Name: _____

Unit 1: Equations & Angle Relationships

LT 1: Solving Complex Equations

- I can solve an equation with variables on both sides of an equation by first simplifying each expression in the equation and then isolating the variable and the constant to their own sides of the equation by using inverse operations.

LT 2: Rewriting Equations

- I can solve an equation for a specified variable by isolating the specified variable and using inverse operations.

LT 3: Write, Graph, & Solve Inequalities

- I can identify the signs that represent less than, greater than, less than or equal to, and greater than or equal to.
- I can graph an inequality by identifying solutions that make the statement true.
- I can write inequalities that represent real-life examples by identifying solutions that make statement true.
- I can solve an inequality by combining like terms, using the distributive property, and using inverse operations.
- I can identify when the inequality sign needs to be flipped to make a statement true.

LT 4: Applying Angle Relationships

- I can define and identify vertical angles, adjacent, complementary, and supplementary angles.
- I can find missing angle measures by creating equations with the angle relationships.

LT 5: Classifying and Constructing Triangles and Quadrilaterals

- I can classify a triangle based on its side lengths and angle measures.
- I can classify a quadrilateral based on its side lengths and angle measures.
- I can construct a triangle with specific dimensions by using a ruler and protractor.

LT 6: Applying Scales

- I can explain the difference between a scale and scale factor.
- I can find missing measures by setting up a proportion using a scale.
- I can find a scale factor when given dimensions of an item and its model.



Ch. #	LT #	Learning Target	5	6	7	8	9	9.5	M
1	1	Complex Equations							
	2	Rewriting Equations							
11	3	Write, Solve, Graph Inequalities							
12	4	Applying Angle Relationships							
	5	Classifying/Constructing Triangles & Quadrilaterals							
	6	Applying Scales							

Unit 1 Test: _____