Name: _____

January Choice Board

DUE: JANUARY _____

Directions: You must do 2 assignments from this page. Each is worth 50 points and together, add up to a test grade for the month. Answer them on a separate sheet of paper showing all work and attach the sheet to both assignments. You are to complete in class during the Warm-Up section when extra time is allotted.

Tell the difference in finding the measurements of the angles in the two triangles below. Then solve for x, find each angle, and tell what types of triangles are shown. $2x°$ $x°$	Create definitions and picture examples of (using a coordinate plane-graph paper): • Rotation • Reflection • Translation	Complete/Draw the following: • A pair of angles that are adjacent but not supplementary • A pair of angles that are adjacent but not complementary • A transversal that intersects three parallel lines • A transversal that intersects two lines to show non-congruent angles • A diagram with 3 angle parts in which one is obtuse.
Complete/Draw the following: • A graph showing the slope of -2 and starting at y = 3 • A table showing a pattern of 10 and the starting point at y = 6. • An equation with a slope of 2 starting at the origin • A graph showing a slope of 2 starting at y = 3 • A table showing a pattern of 6 starting at y = 10	Name 10 real life items that have a pattern to them, whether naturally or man-made. Explain the pattern.	Write the equation for: 	X	0	1	2	3
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Y	6	8	10	12 | | X	1	2	3	4
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Y	6	8	10	12 | | X	-5	-4	-3	-2
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Y	6	8	10	12 | | X	10	11	12	13
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Y	6	8	10	12	 What stays the same? What changes?
Complete page 245 in the textbook.	Create tables from 0-10 on the following: 1. y = -x + 1 3. y = x + 1 2. y = -x – 1 4. y = x – 1	