CSS: Describe the effects of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.

Name:\_\_\_\_\_ Date:\_\_\_\_\_ Per.:\_\_\_\_\_ LT Pre Test

**Directions:** Show what you know about the following topic by completing the problems below. Make sure to show all work.

1. Define two-dimensional. (both)	2. Define the following words.
	Rotations –
	Reflections –
	inclice tions
	The set of the set
Define congruent. (8.G.2 ladder)	Iranslations –
	Dilations –
	Coordinates –
Define Similar. (8.G.4 ladder)	
2 M/hat daga agguarda magan in ta	
3. What does sequence mean in terms of the sentence a sequence of transformations.	
4 Identify and draw in the line(s) of	of symmetry in the nictures below
4. Identity and draw in the inlets/ of symmetry in the pictures below.	
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$7 \Lambda \tilde{7}$	
$\zeta / 0 $	
5~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
0 0	$(4 \in 2)$
<b>F</b>	(4.0.3)
5. Using the scale factor of 2 draw	an enlargement of the shape below. Use a ruler to draw this exact.
	(7 G 1)
6 What happens to the side length	(7.0.1)
o. what happens to the side lengths and angles of the polygon below when the following	
transformation is applied to it? Re	produce the shape to show your thinking.
a. The polygon is reflected vertically across the line of symmetry below.	

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