

**Intro to Geometry (G.CO.2, 5)**  
**Unit One A – Dilations (HW13)**

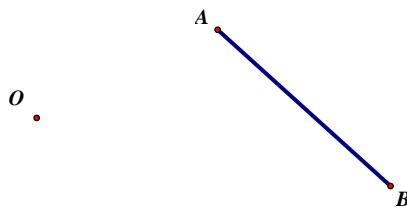
Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Period: \_\_\_\_\_

Examples:

1.  $D_{O, 3}(\overline{AB})$

ENGLARGEMENT

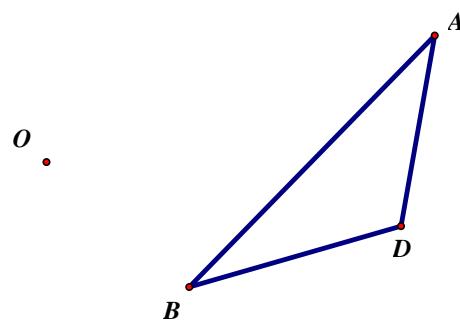
REDUCTION



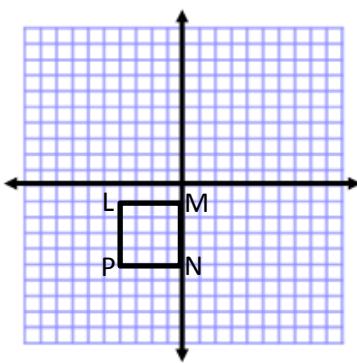
2.  $D_{O, -1}(\Delta ABD)$

ENGLARGEMENT

REDUCTION



3.  $(x, y) \rightarrow (-2x, -2y)$



4. Find the center of dilation and scale factor if the preimage is the dashed figure and the image is the solid figure.

