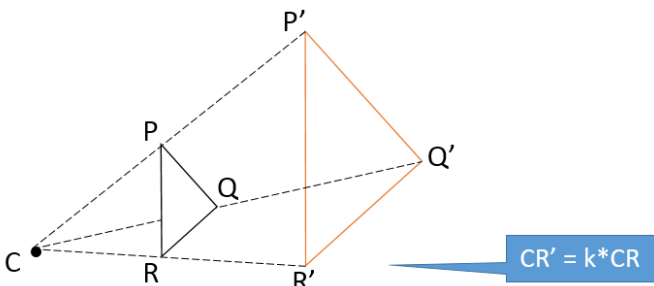
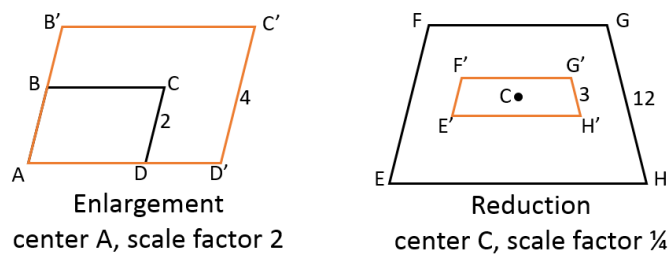
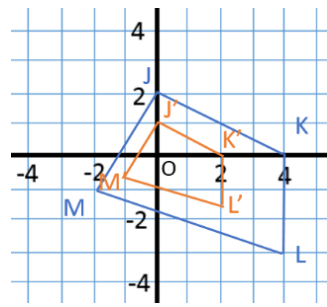
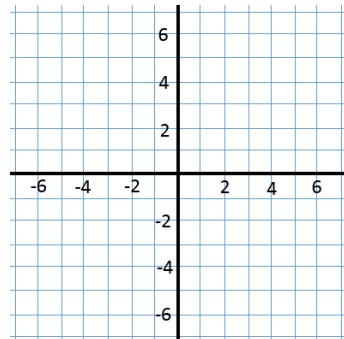
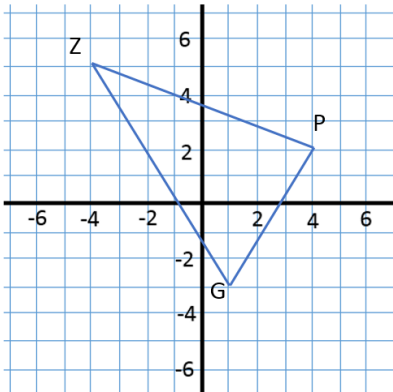
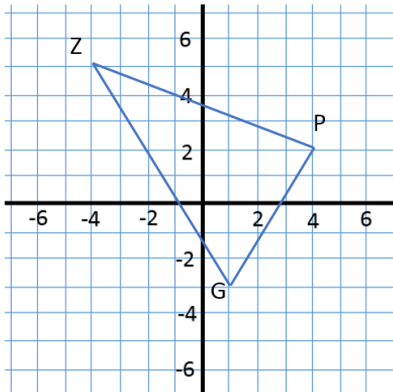



Notes

<p>Dilation</p>  <p>$CR' = k \cdot CR$</p>	<p>Enlargement/Reduction</p>  <p>Enlargement center A, scale factor 2</p> <p>Reduction center C, scale factor $\frac{1}{4}$</p>
<p>J'K'L'M' is a dilation image of JKLM. The center of dilation is O. Is the dilation an enlargement or a reduction?</p> <p>What is the scale factor of the dilation?</p> 	<p>Calculating Dilation Points</p>  <p>Graph $\triangle PQR$ with vertices $P(0, 2)$, $Q(1, 0)$, and $R(2, 2)$ and its image after a dilation with scale factor 3.</p>
<p>What are the images of the vertices of $\triangle PZG$ for a dilation with center $(0, 0)$ and scale factor of $\frac{1}{2}$?</p> 	<p>What are the images of the vertices of $\triangle PZG$ for a dilation with center $(0, 0)$ and scale factor $-\frac{1}{4}$?</p> 
<p>You are using a magnifying glass that shows the image of an object that is six times the object's actual size. Determine the length of the image of the spider seen through the magnifying glass.</p> 	<p>Lesson 4.5 p.212 ; 3-6, 15-34, 37-39, 48, 52-54</p>

