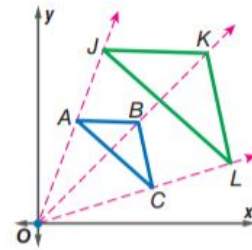


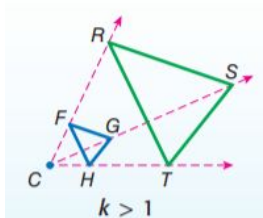
**Dilation:**

**Scale Factor of Dilation:**

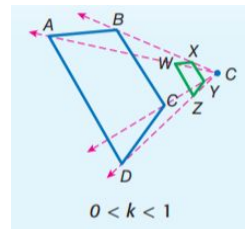


$\triangle JKL$  is a dilation of  $\triangle ABC$ .  
Center of dilation:  $(0, 0)$   
Scale factor:  $\frac{JK}{AB}$

**Enlargement:**

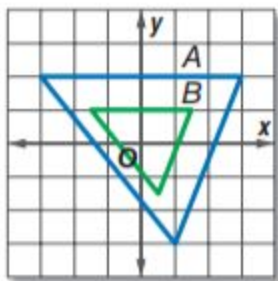


**Reduction:**

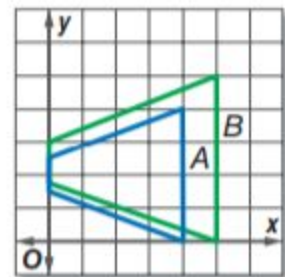


- Determine whether the dilation from  $A$  to  $B$  is an enlargement or a reduction. Then find the scale factor of the dilation.

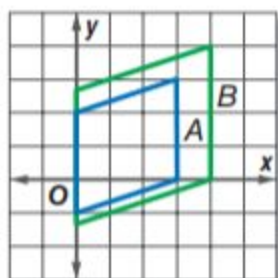
a.



c.



b.



d.

