

6.6 Dilations

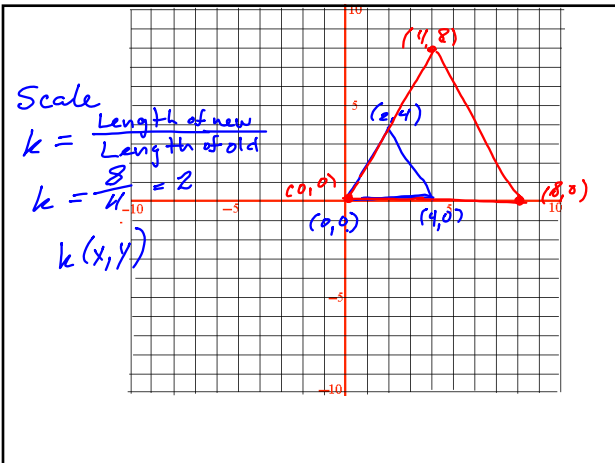
One of 4 transformations in Geometry

Rotation Turn
 Reflection Flip
 Translation slide

} same size

Dilation - Change in size but not shape

Dilations describe Similar Polygons
original image



Dilation is described two ways

Enlargement $\rightarrow k > 1$ $k=2$

Reduction $\rightarrow 0 < k < 1$ $k=\frac{1}{2}$

