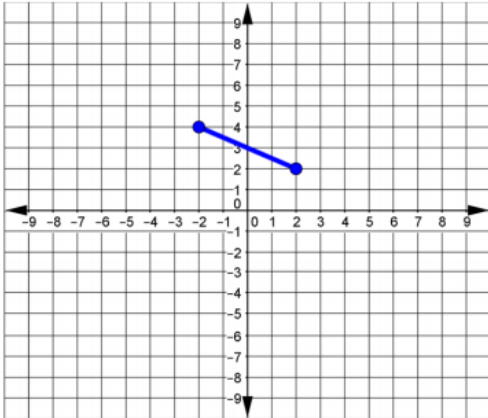


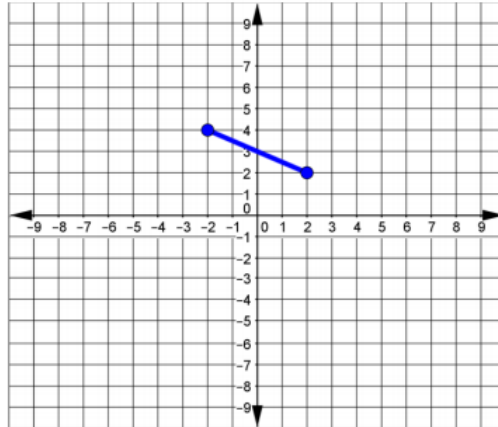
Dilation From A Point Not The Origin

Dilate the figure with given scale factor (k) and center.

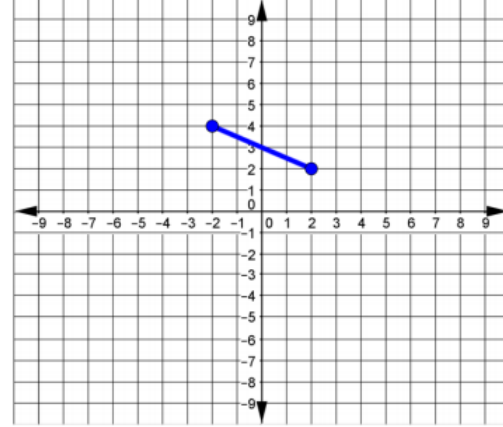
1. Dilate by $k = 2$, center (3,4)



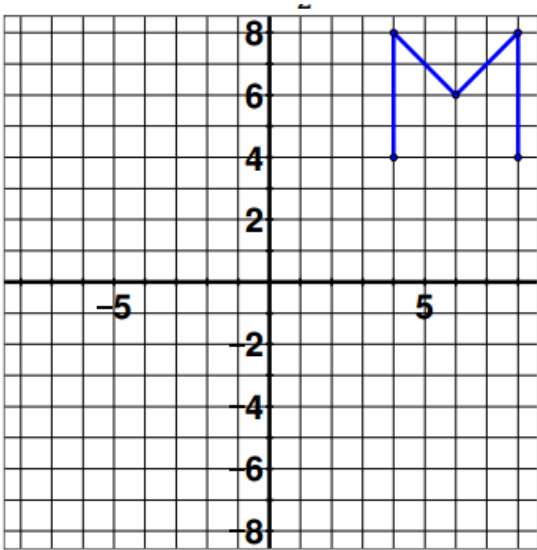
2. Dilate by $k = 3/2$, center (0,1)



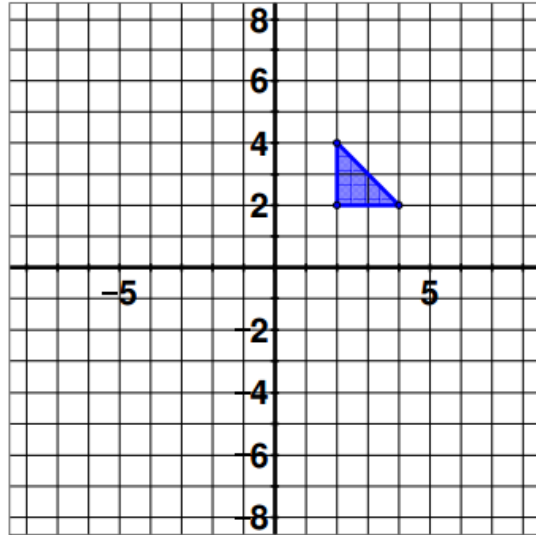
3. Dilate by $k = 2$, center (4,6)



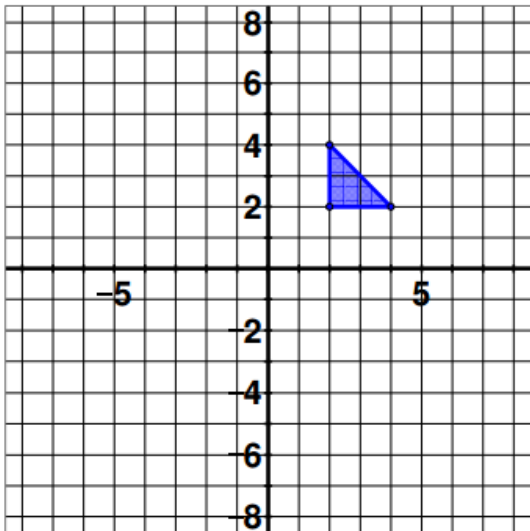
4. Dilate by $k = 1/2$, center (2, 2)



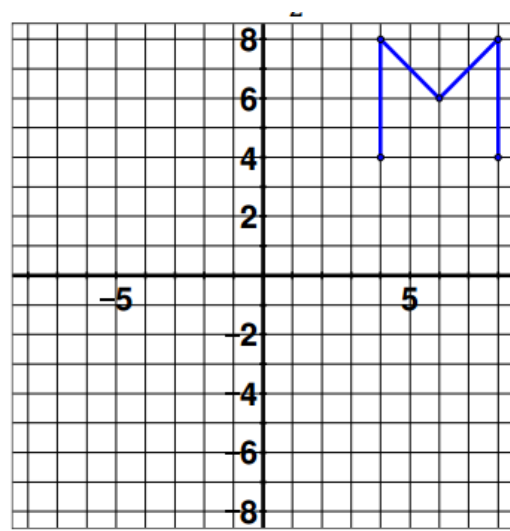
5. Dilate by $k = 3$, center (6,4)



6. Dilate by $k = 1/2$, center (-6,2)

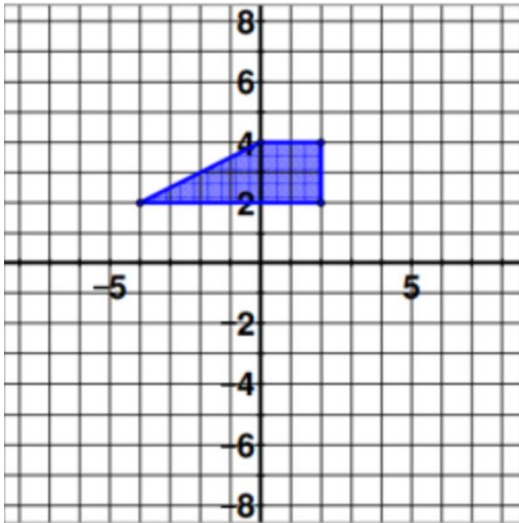


7. Dilate by $k = 3/4$, center (0,0)

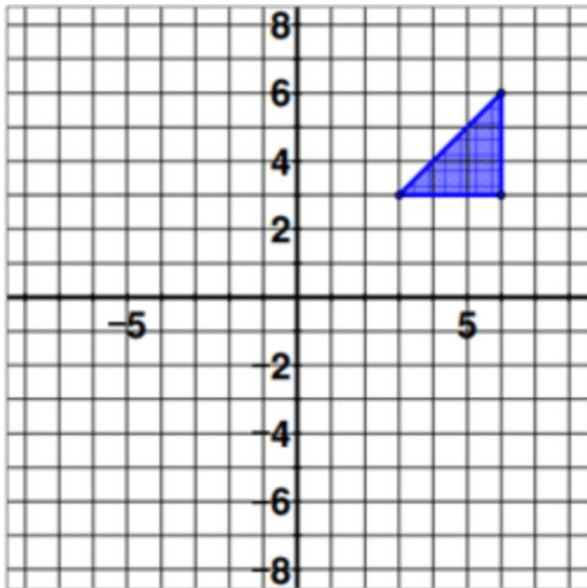


Dilation From A Point Not The Origin

Ex. 1 Dilate the following image at $k = 2$ and center at $(-3,4)$



Ex. 2 Dilate the following image with a center at $(6,7)$ and $k = 3$



Ex. 3 Dilate the following image with a center at $(0,6)$ and $k = \frac{1}{3}$

