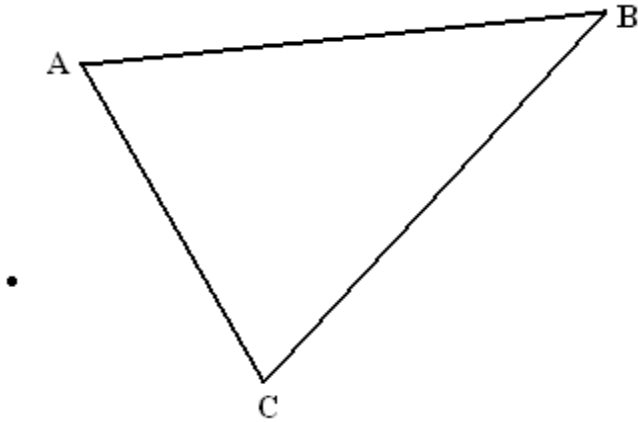


Constructions of Dilations

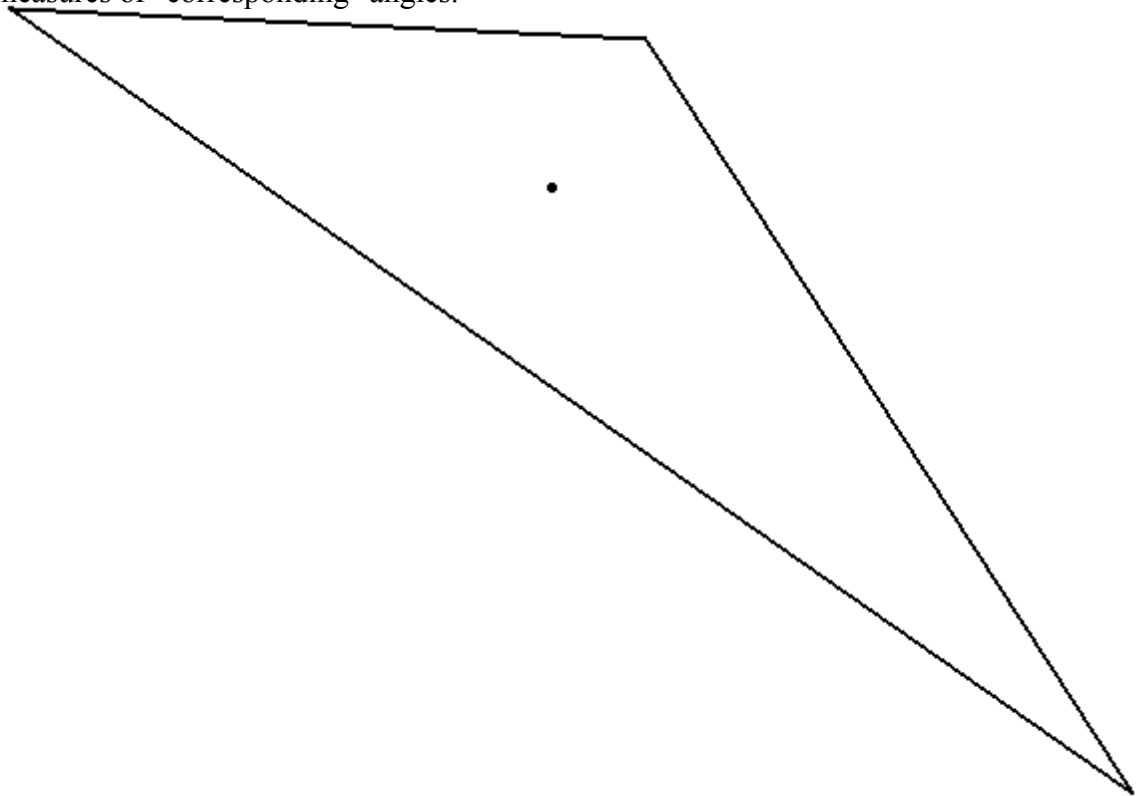
[EX 1]

Given the figure, the center of dilation, and the scale factor (2), use a ruler to draw the image of dilation. After this has been completed, investigate the ratios of "corresponding" sides and the measures of "corresponding" angles.



[EX 2]

Given the figure, the center of dilation, and the scale factor (1/3), use a ruler to draw the image of dilation. After this has been completed, investigate the ratios of "corresponding" sides and the measures of "corresponding" angles.



[EX 3] Given the completed dilation, find its center and scale factor.

