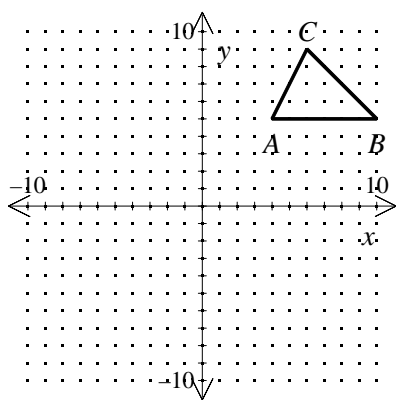


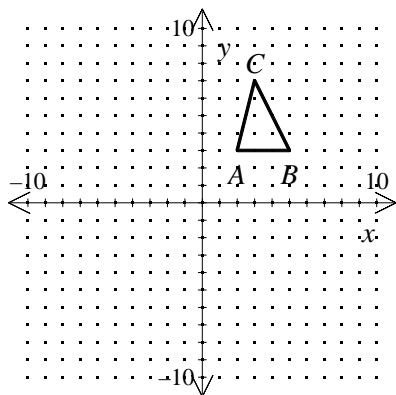
P.I. G.G.58: Define, investigate, justify, and apply similarities (dilations and the composition of dilations and isometries)

NOTE: The following problems incorrectly refer to compositions of transformations as glide reflections. These compositions are not glide reflections as the translations are not through a vector parallel to the line of reflection.

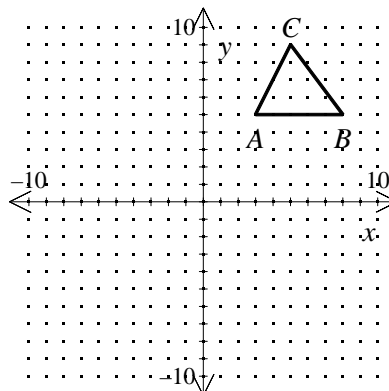
- Find the image of $\triangle ABC$ under the glide reflection $\langle -2, -3 \rangle$ and $y = -1$.



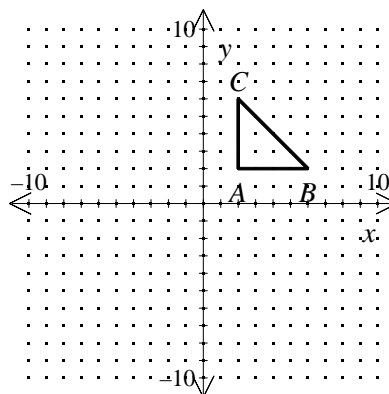
- Find the image of $\triangle ABC$ under the glide reflection $\langle 1, -3 \rangle$ and $y = -1$.



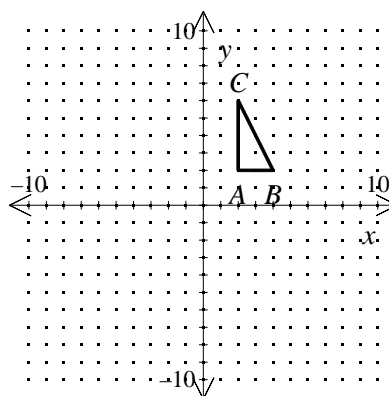
- Find the image of $\triangle ABC$ under the glide reflection $\langle 2, -3 \rangle$ and $y = -1$.



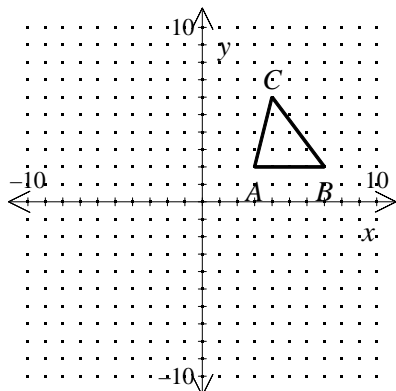
- Find the image of $\triangle ABC$ under the glide reflection $\langle -1, 3 \rangle$ and $y = 1$.



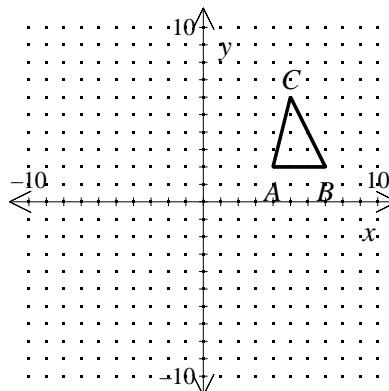
- Find the image of $\triangle ABC$ under the glide reflection $\langle 2, -1 \rangle$ and $y = -1$.



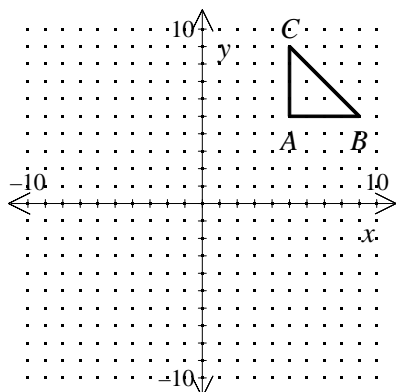
6. Find the image of $\triangle ABC$ under the glide reflection $\langle -1, -2 \rangle$ and $y = -2$.



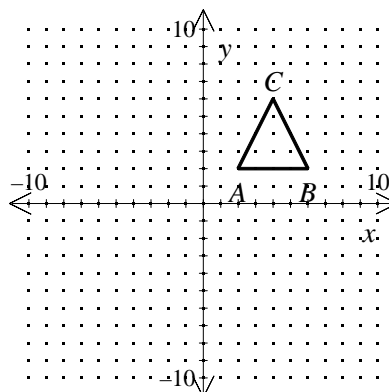
9. Find the image of $\triangle ABC$ under the glide reflection $\langle -3, 2 \rangle$ and $y = 1$.



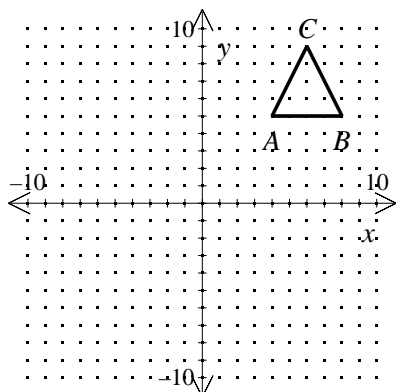
7. Find the image of $\triangle ABC$ under the glide reflection $\langle 3, -2 \rangle$ and $x = 3$.

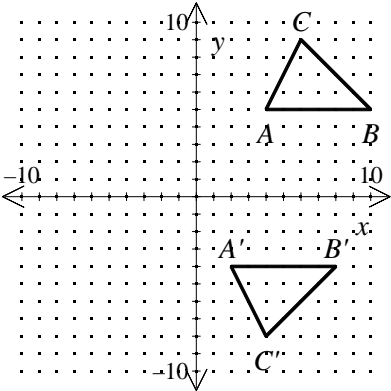


10. Find the image of $\triangle ABC$ under the glide reflection $\langle 2, 1 \rangle$ and $x = 1$.

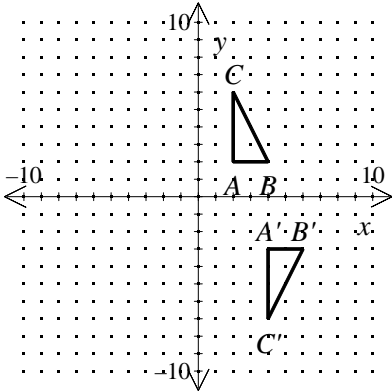


8. Find the image of $\triangle ABC$ under the glide reflection $\langle -1, -3 \rangle$ and $x = 2$.

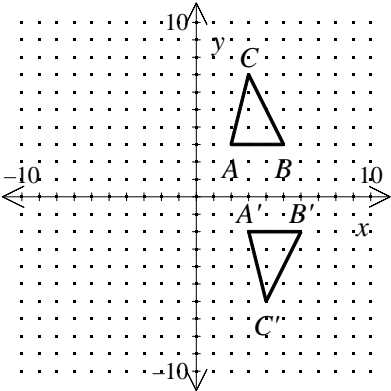




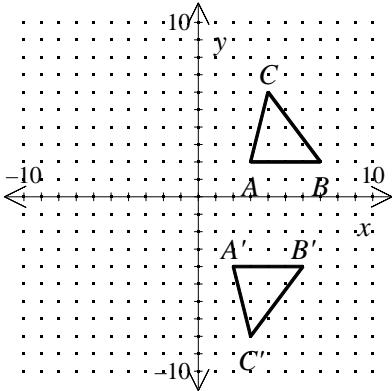
[1]



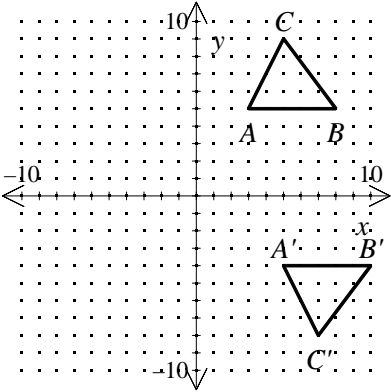
[5]



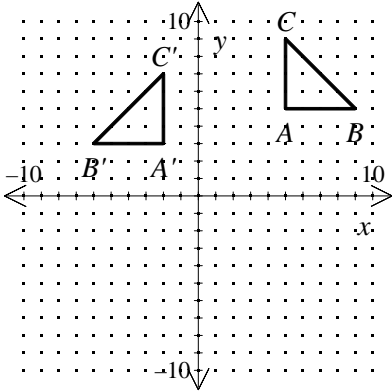
[2]



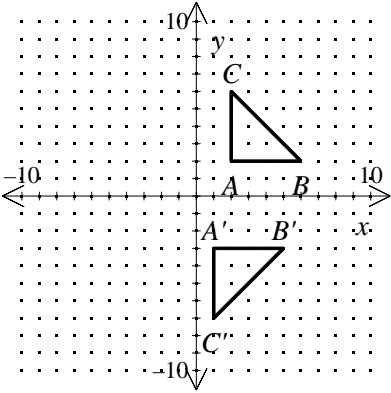
[6]



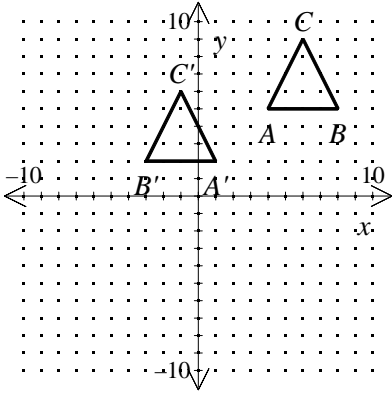
[3]



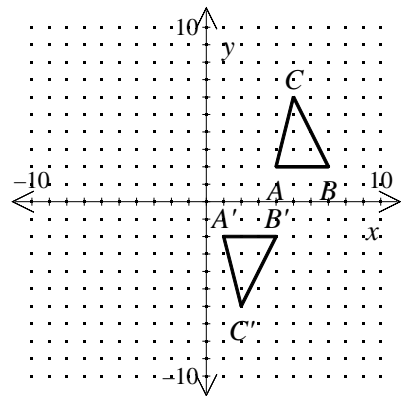
[7]



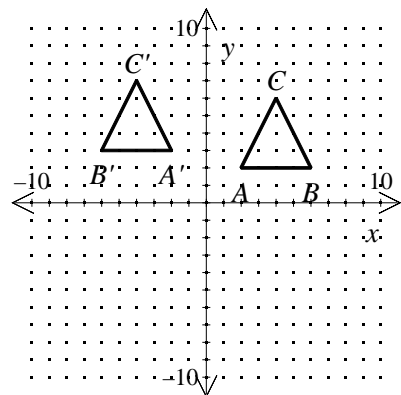
[4]



[8]



[9]



[10]