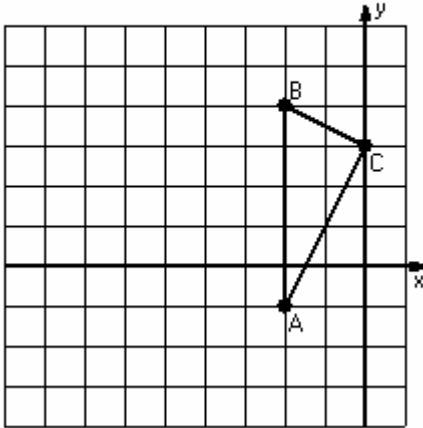


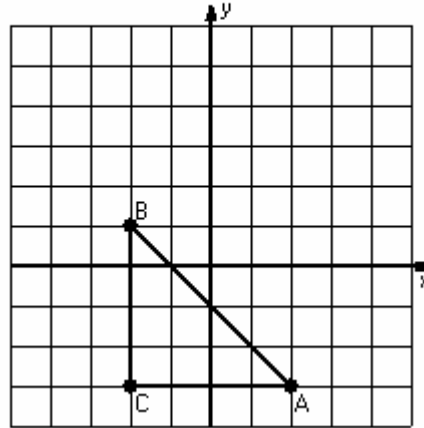
Three-Step Transformations (I)

Instructions: Transform each triangle three times using the instructions in the order given.
Draw and label each transformation.

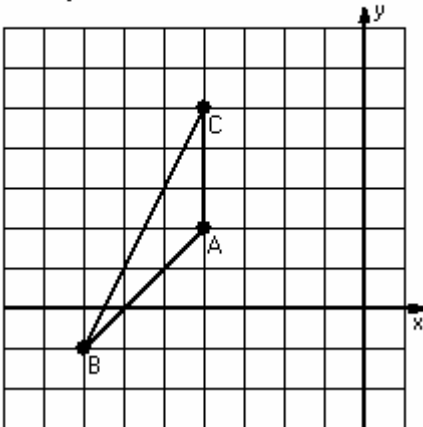
- 1) Translation $(-2,0)$
Reflection $x = -5$
Rotation 90° counterclockwise, center $R(-4,3)$



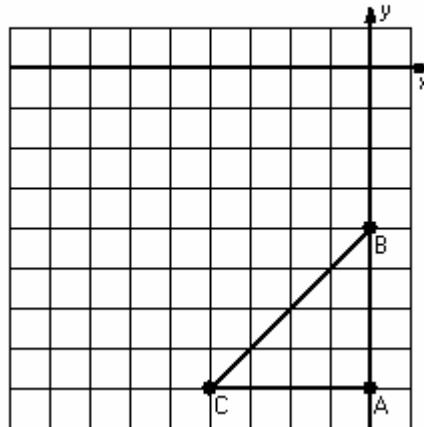
- 2) Dilation scale = $1/4$, center $D(2,1)$
Rotation 180° , center $R(-1,2)$
Reflection $y = 2$



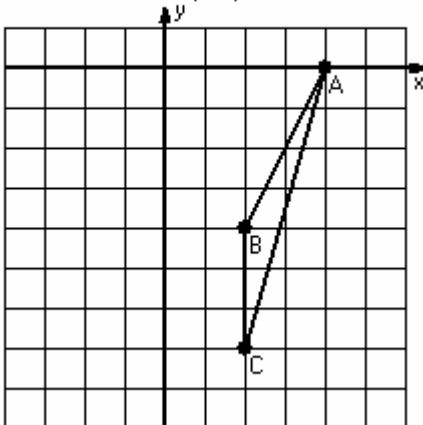
- 3) Dilation scale = $1/3$, center $D(-7,2)$
Rotation 90° clockwise, center $R(-4,3)$
Reflection $y = 2$



- 4) Dilation scale = $1/4$, center $D(-4,-4)$
Translation $(-2,-1)$
Reflection $x = -3$



- 5) Translation $(0,-1)$
Reflection $x = 1$
Rotation 180° , center $R(1,-4)$



- 6) Dilation scale = 3 , center $D(4,-3)$
Reflection $y = -2$
Translation $(-5,-1)$

