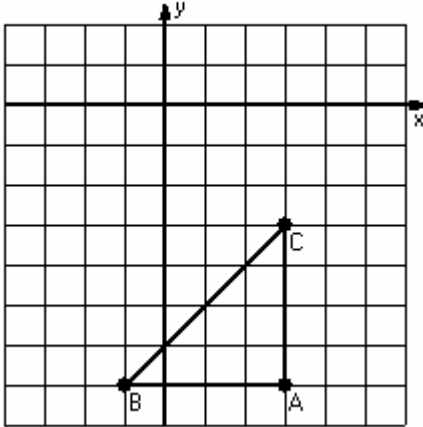


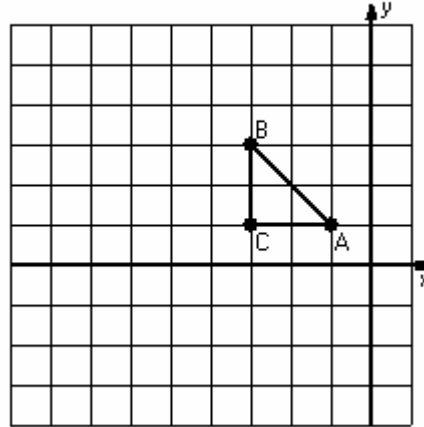
Two-Step Transformations (F)

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

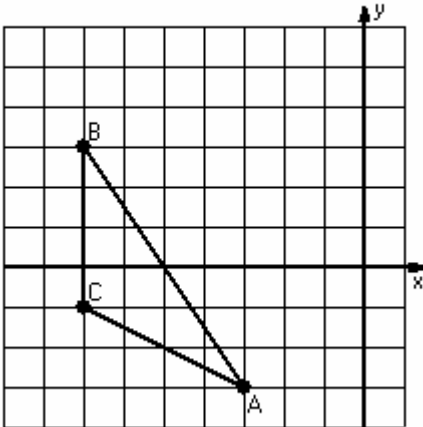
- 1) Dilation scale = $\frac{1}{4}$, center $D(-1, -3)$
Reflection $y = -2$



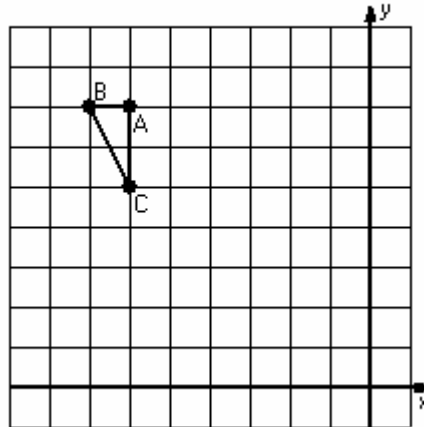
- 2) Dilation scale = 3, center $D(-1, 3)$
Rotation 180° , center $R(-4, 1)$



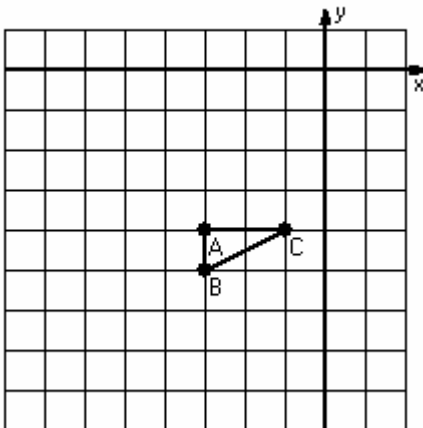
- 3) Dilation scale = $\frac{1}{2}$, center $D(-1, 3)$
Reflection $x = -5$



- 4) Rotation 90° clockwise, center $R(-7, 5)$
Reflection $x = -4$



- 5) Dilation scale = 3, center $D(-2, -5)$
Translation $(-1, 1)$



- 6) Translation $(0, -1)$
Rotation 90° counterclockwise, center $R(-3, 1)$

