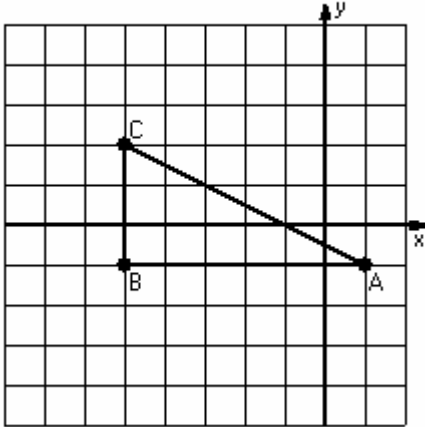


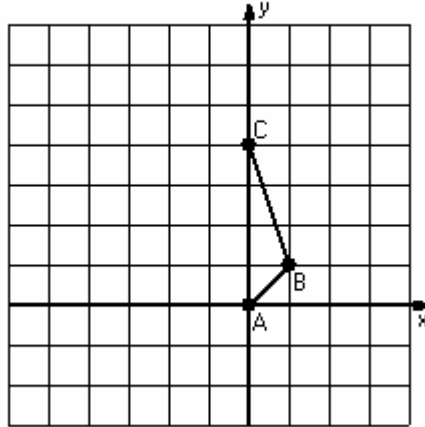
## Two-Step Transformations (B)

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

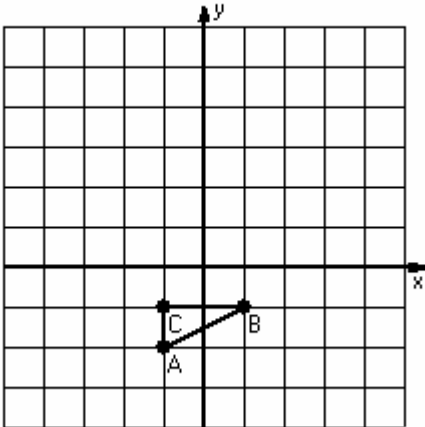
- 1) Dilation scale =  $\frac{1}{3}$ , center  $D(-2,2)$   
Rotation  $180^\circ$ , center  $R(-1,-1)$



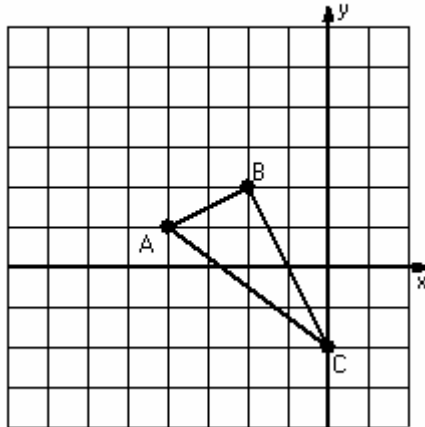
- 2) Reflection  $x = -2$   
Translation  $(4,-1)$



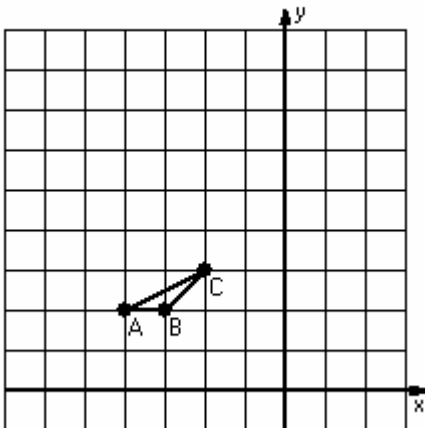
- 3) Dilation scale = 4, center  $D(0,-2)$   
Translation  $(0,3)$



- 4) Translation  $(-1,1)$   
Rotation  $90^\circ$  counterclockwise, center  $R(-5,1)$



- 5) Dilation scale = 3, center  $D(-4,3)$   
Translation  $(0,4)$



- 6) Dilation scale = 4, center  $D(0,-3)$   
Rotation  $180^\circ$ , center  $R(1,-3)$

