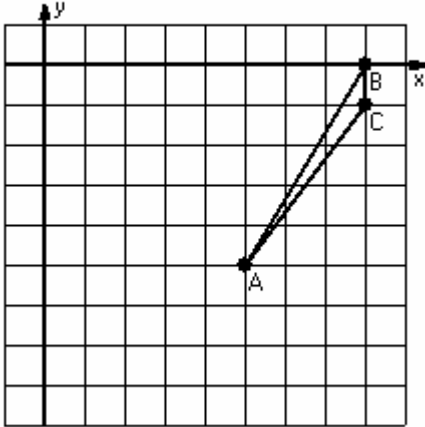


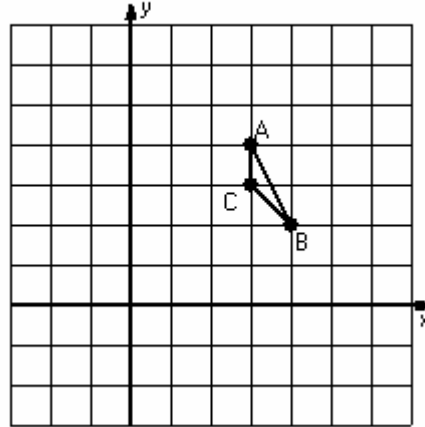
## Two-Step Transformations (D)

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

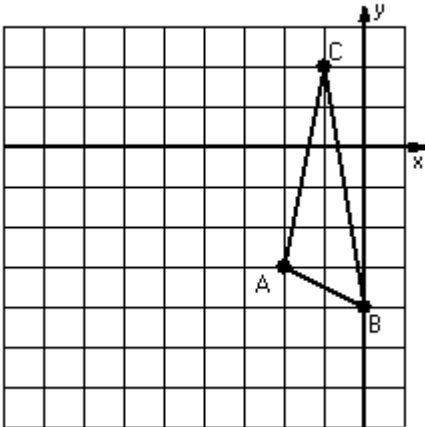
- 1) Reflection  $x = 4$   
Translation  $(2, -2)$



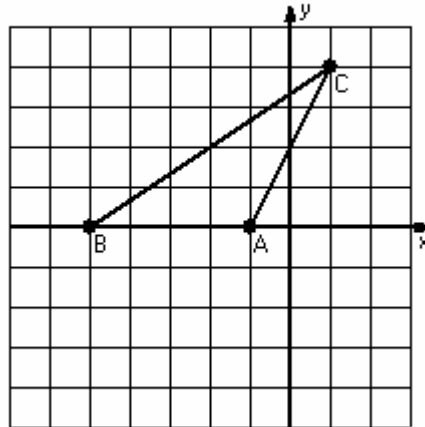
- 2) Dilation scale = 3, center D(4,4)  
Reflection  $x = 3$



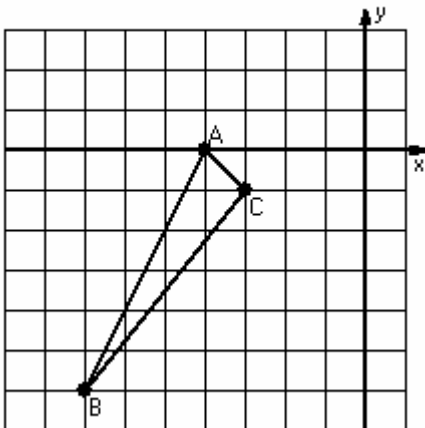
- 3) Translation  $(-2, 0)$   
Rotation  $90^\circ$  counterclockwise, center R(-2, -3)



- 4) Dilation scale =  $1/2$ , center D(1, 2)  
Rotation  $180^\circ$ , center R(-1, 2)



- 5) Reflection  $y = -2$   
Translation  $(-1, 0)$



- 6) Rotation  $90^\circ$  clockwise, center R(2, -1)  
Reflection  $x = 1$

