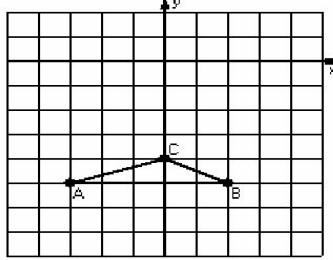


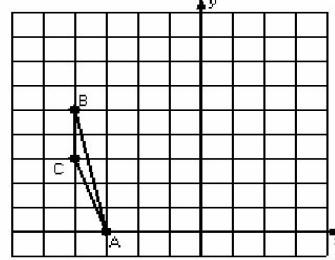
## Two-Step Transformations (C)

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

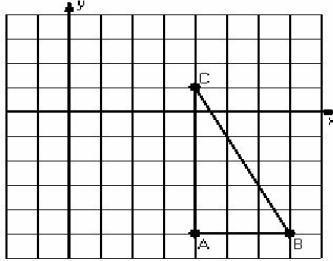
- 1) Reflection  $y = -3$   
Translation  $(2, 0)$



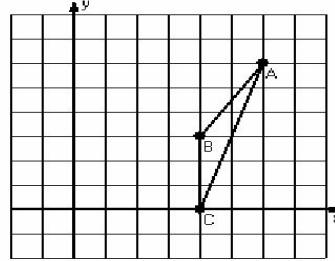
- 2) Rotation  $90^\circ$  counterclockwise, center  $R(-3, 0)$   
Reflection  $x = 0$



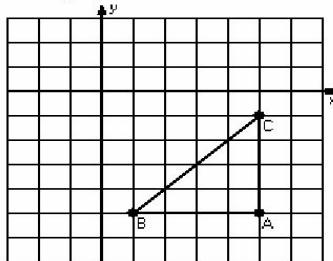
- 3) Dilation scale =  $1/3$ , center  $D(4, -2)$   
Reflection  $y = 0$



- 4) Translation  $(-1, -1)$   
Rotation  $180^\circ$ , center  $F(2, 2)$



- 5) Dilation scale =  $1/4$ , center  $D(1, -1)$   
Translation  $(0, 4)$



- 6) Reflection  $y = 2$   
Translation  $(-2, 0)$

