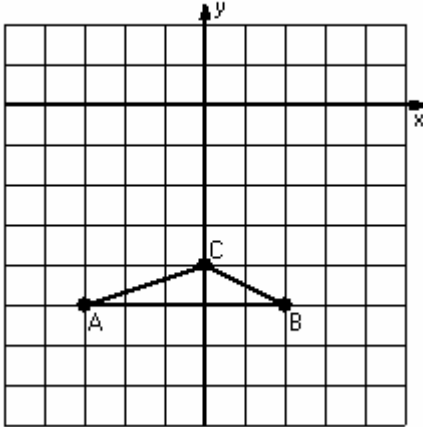


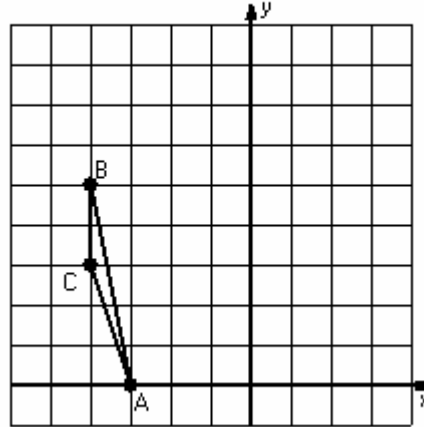
## Two-Step Transformations (C)

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

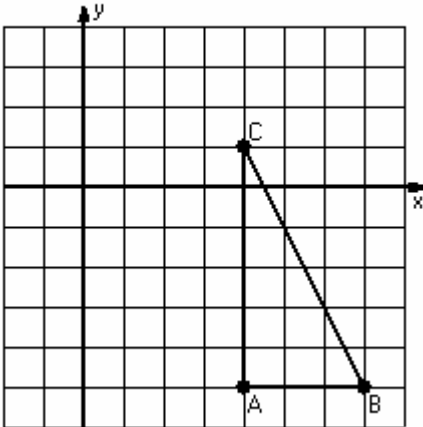
- 1) Reflection  $y = -3$   
Translation  $(2,0)$



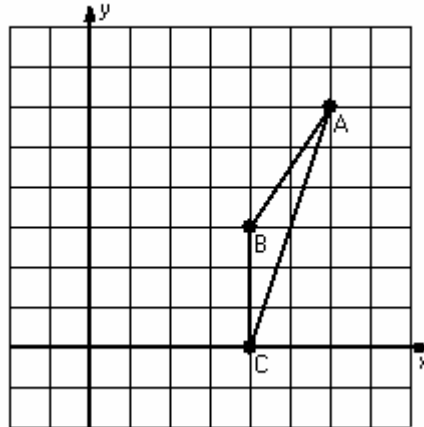
- 2) Rotation  $90^\circ$  counterclockwise, center  $R(-3,5)$   
Reflection  $x = 0$



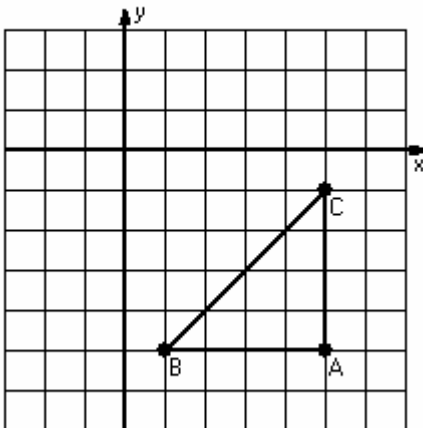
- 3) Dilation scale =  $1/3$ , center  $D(4,-2)$   
Reflection  $y = 0$



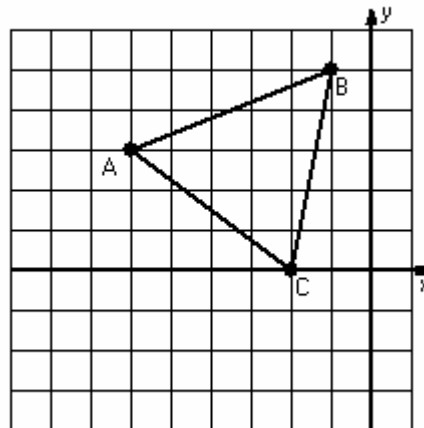
- 4) Translation  $(-1,-1)$   
Rotation  $180^\circ$ , center  $R(2,2)$



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



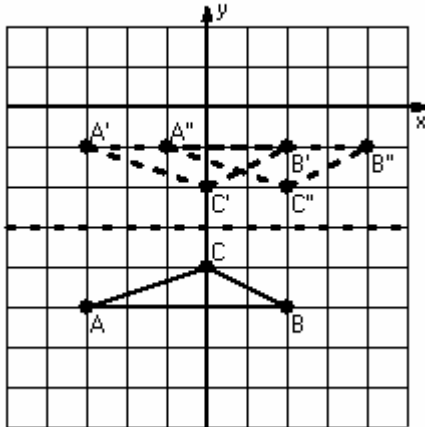
- 6) Reflection  $y = 2$   
Translation  $(-2,0)$



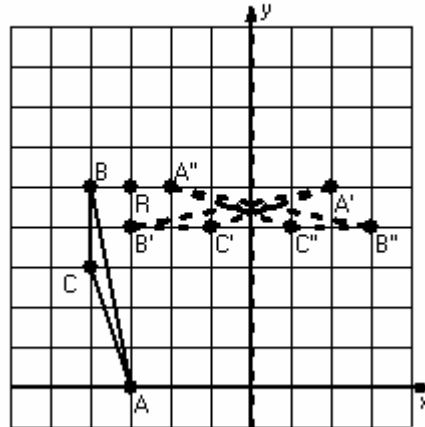
## Two-Step Transformations Answer (C)

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

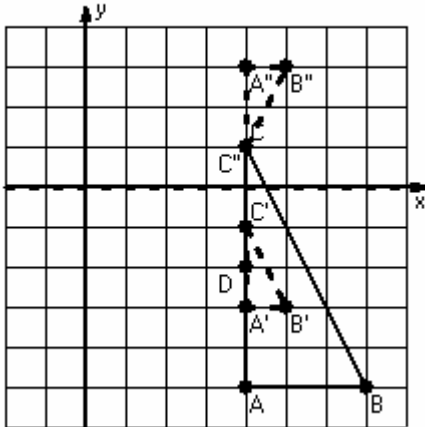
- 1) Reflection  $y = -3$   
Translation  $(2,0)$



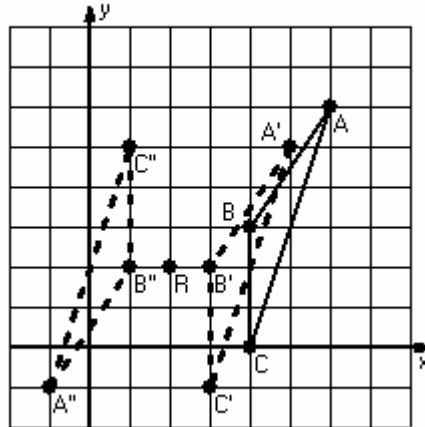
- 2) Rotation  $90^\circ$  counterclockwise, center  $R(-3,5)$   
Reflection  $x = 0$



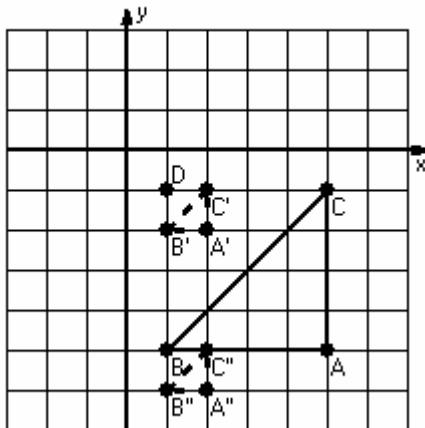
- 3) Dilation scale =  $1/3$ , center  $D(4,-2)$   
Reflection  $y = 0$



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



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



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

