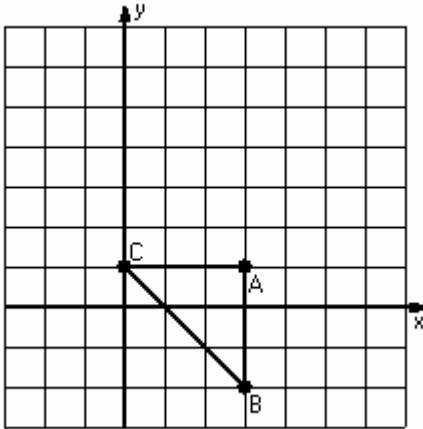


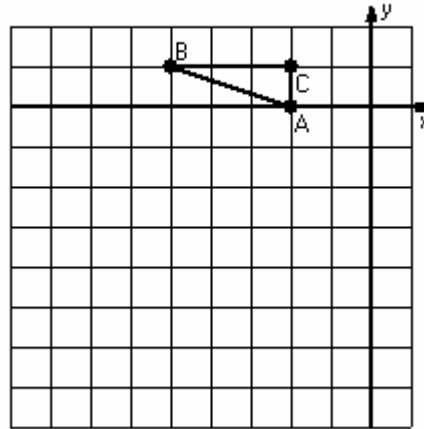
## Two-Step Transformations (G)

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

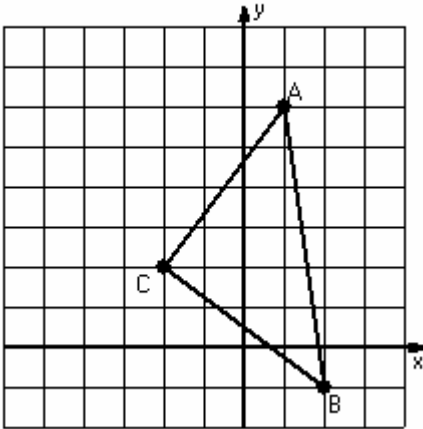
- 1) Dilation scale =  $\frac{1}{3}$ , center D(3,4)  
Translation (-4,0)



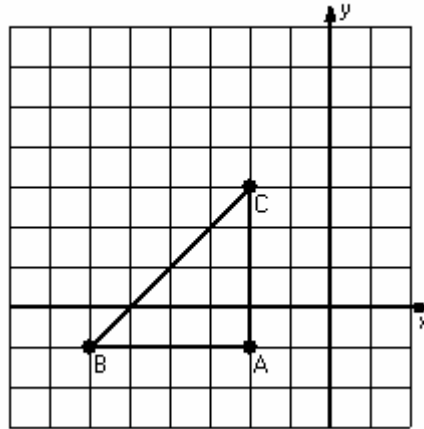
- 2) Reflection  $y = -1$   
Translation (-2,-2)



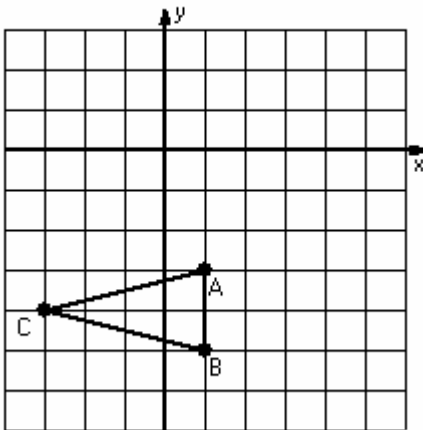
- 3) Reflection  $x = -1$   
Translation (-1,0)



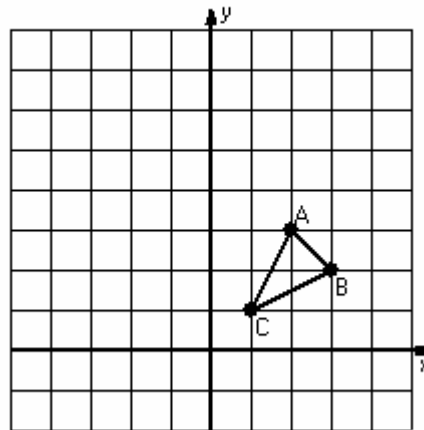
- 4) Dilation scale =  $\frac{1}{4}$ , center D(-6,3)  
Translation (3,-4)



- 5) Reflection  $y = -2$   
Translation (3,-5)



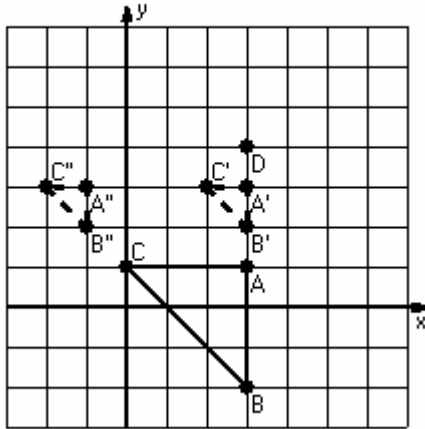
- 6) Dilation scale = 3, center D(3,1)  
Reflection  $y = 3$



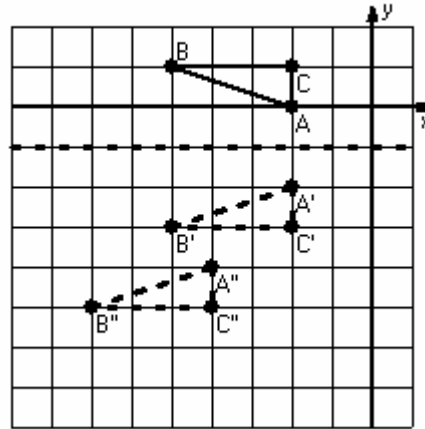
## Two-Step Transformations Answer (G)

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

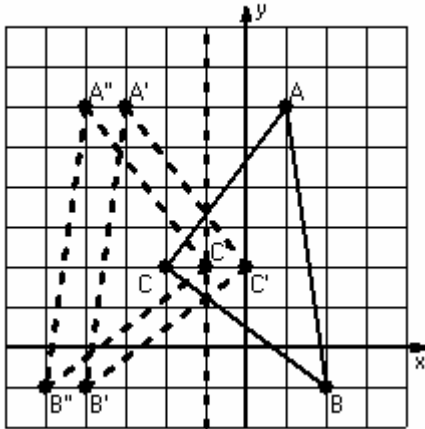
- 1) Dilation scale =  $\frac{1}{3}$ , center D(3,4)  
Translation (-4,0)



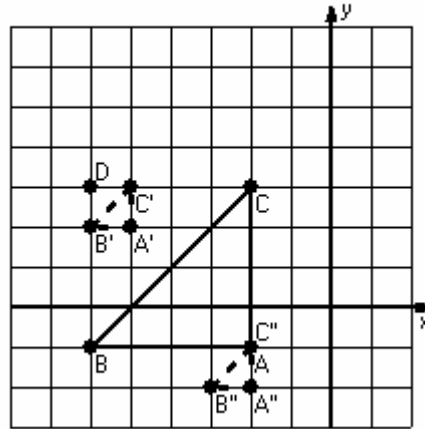
- 2) Reflection  $y = -1$   
Translation (-2,-2)



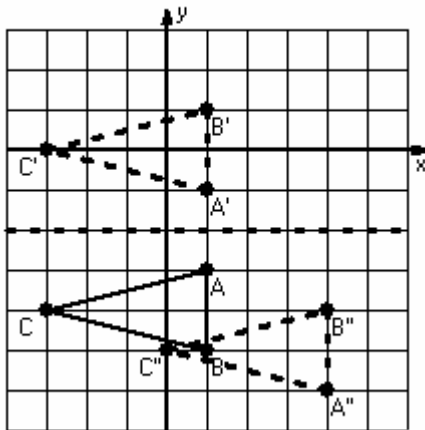
- 3) Reflection  $x = -1$   
Translation (-1,0)



- 4) Dilation scale =  $\frac{1}{4}$ , center D(-6,3)  
Translation (3,-4)



- 5) Reflection  $y = -2$   
Translation (3,-5)



- 6) Dilation scale = 3, center D(3,1)  
Reflection  $y = 3$

