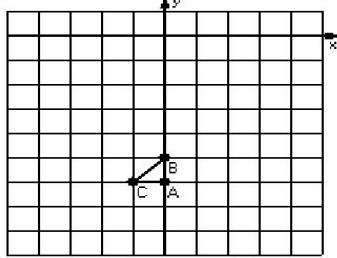


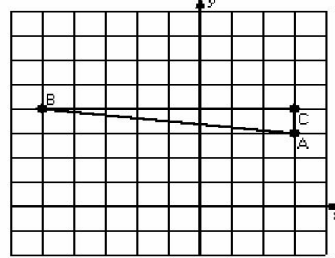
## Two-Step Transformations (A)

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

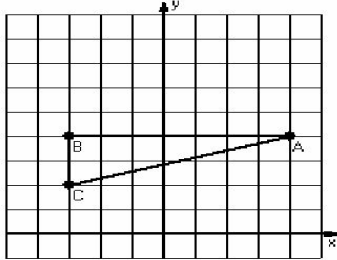
- 1) Dilation scale = 3, center  $D(-2,-5)$   
Rotation  $180^\circ$ , center  $R(0,-5)$



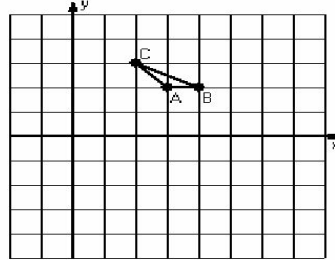
- 2) Reflection  $y = 5$   
Translation  $(0,-5)$



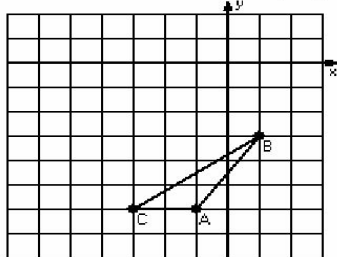
- 3) Rotation  $90^\circ$  clockwise, center  $R(2,2)$   
Reflection  $x = 0$



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



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



- 6) Translation  $(2,3)$   
Rotation  $90^\circ$  counterclockwise, center  $R(5,4)$

