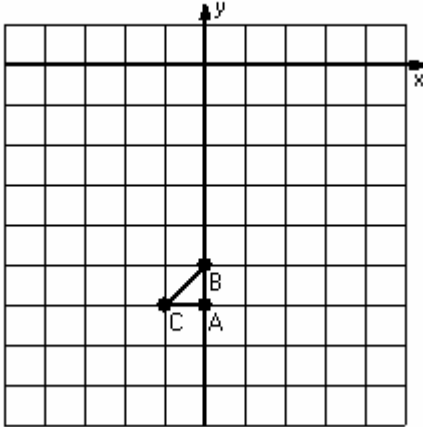


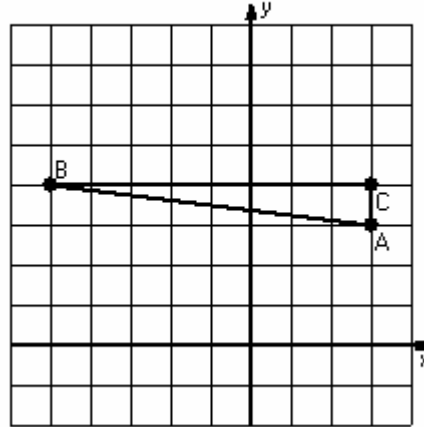
Two-Step Transformations (A)

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

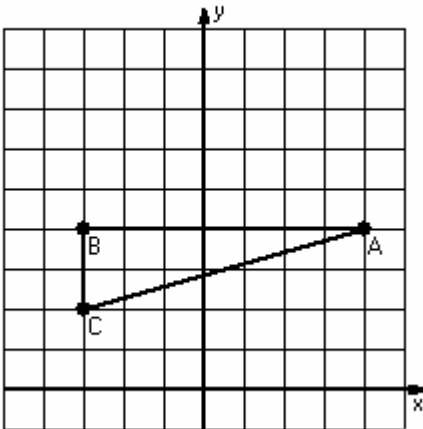
- 1) Dilation scale = 3, center $D(-2,-5)$
Rotation 180° , center $R(0,-5)$



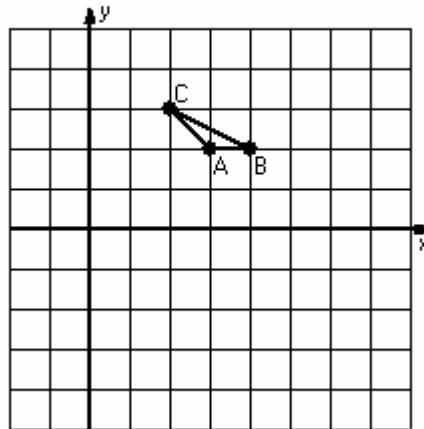
- 2) Reflection $y = 5$
Translation $(0,-5)$



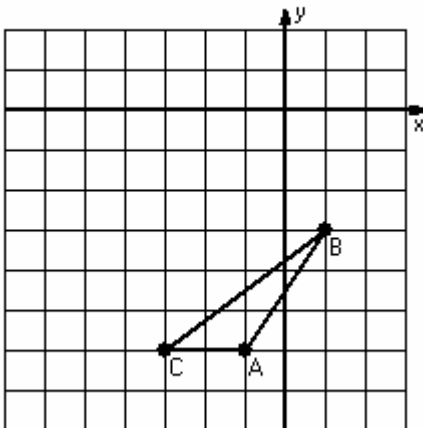
- 3) Rotation 90° clockwise, center $R(2,2)$
Reflection $x = 0$



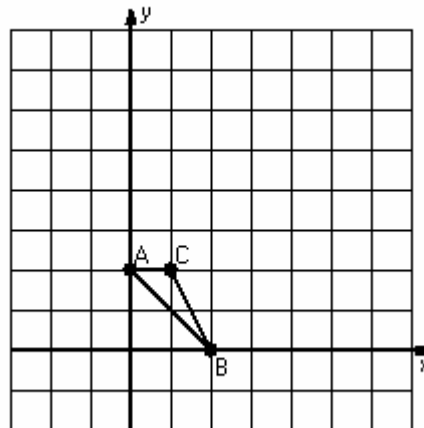
- 4) Dilation scale = 4, center $D(3,3)$
Reflection $y = 0$



- 5) Translation $(1,-1)$
Rotation 90° counterclockwise, center $R(-1,-4)$



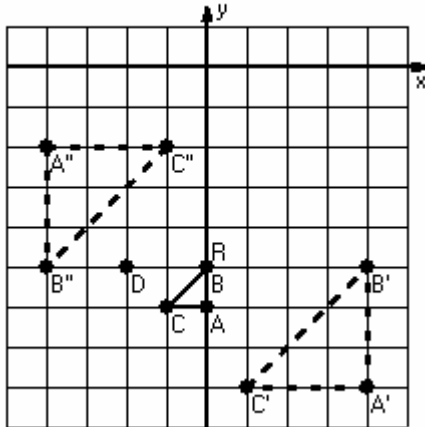
- 6) Translation $(2,3)$
Rotation 90° counterclockwise, center $R(5,4)$



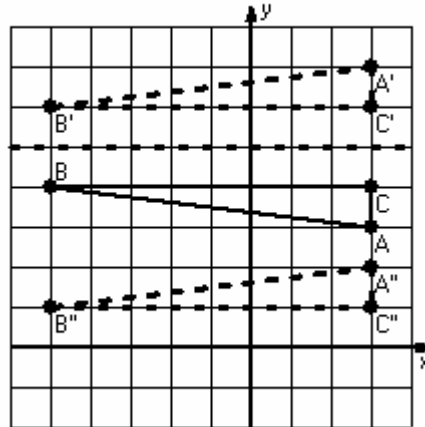
Two-Step Transformations Answer (A)

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

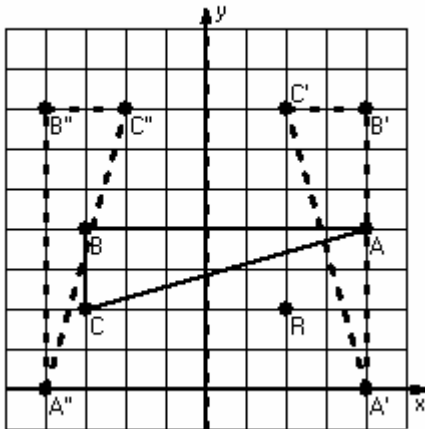
- 1) Dilation scale = 3, center D(-2,-5)
Rotation 180°, center R(0,-5)



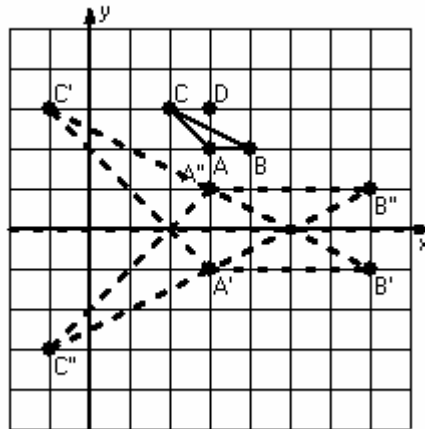
- 2) Reflection $y = 5$
Translation (0,-5)



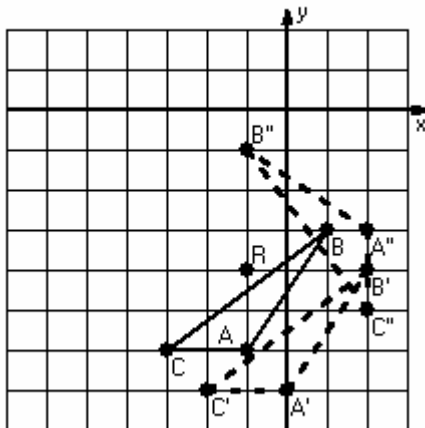
- 3) Rotation 90° clockwise, center R(2,2)
Reflection $x = 0$



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



- 5) Translation (1,-1)
Rotation 90° counterclockwise, center R(-1,-4)



- 6) Translation (2,3)
Rotation 90° counterclockwise, center R(5,4)

