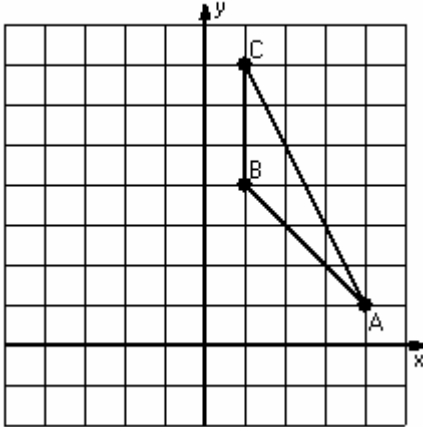


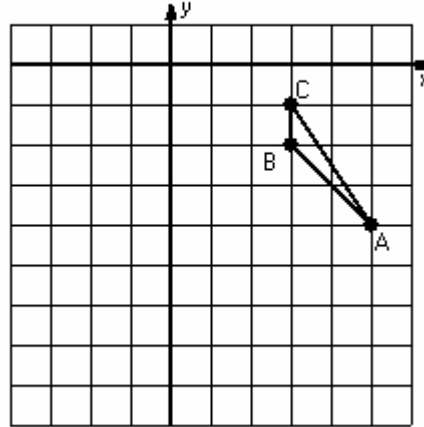
Two-Step Transformations (E)

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

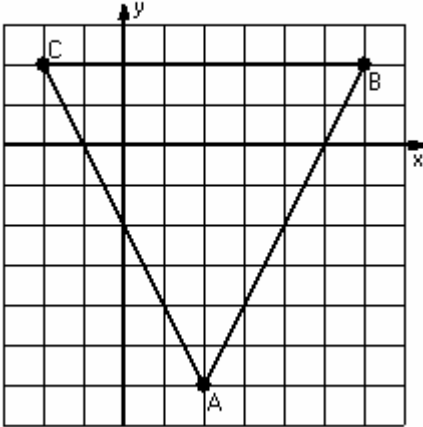
- 1) Dilation scale = $\frac{1}{3}$, center $D(-2,1)$
Reflection $y = 4$



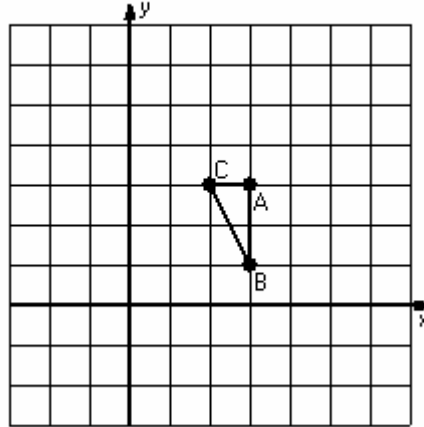
- 2) Translation $[0, -2]$
Rotation 90° counterclockwise, center $R(0, -5)$



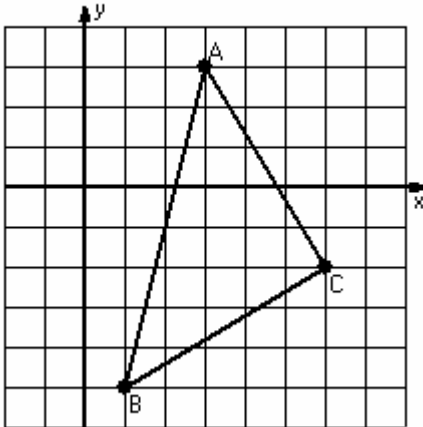
- 3) Dilation scale = $\frac{1}{4}$, center $D(2, -2)$
Translation $[3, -1]$



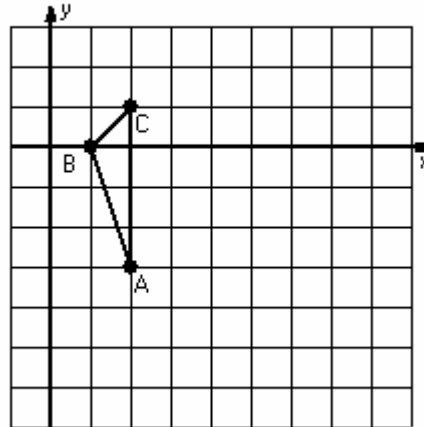
- 4) Dilation scale = 2, center $D(3, 4)$
Rotation 180° , center $R(1, 0)$



- 5) Reflection $x = 4$
Translation $[-2, 0]$



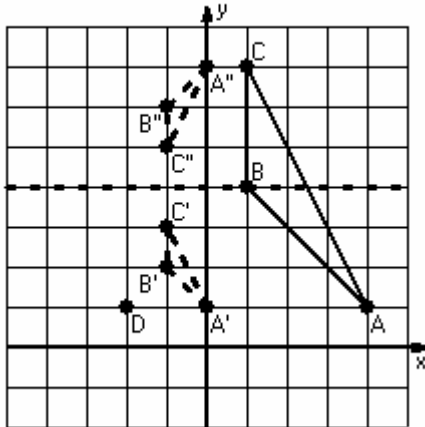
- 6) Rotation 90° clockwise, center $R(4, -2)$
Reflection $y = -2$



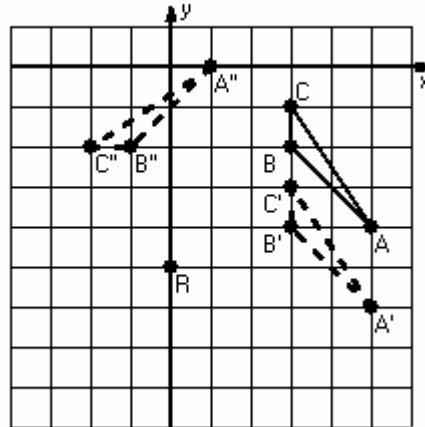
Two-Step Transformations Answer (E)

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

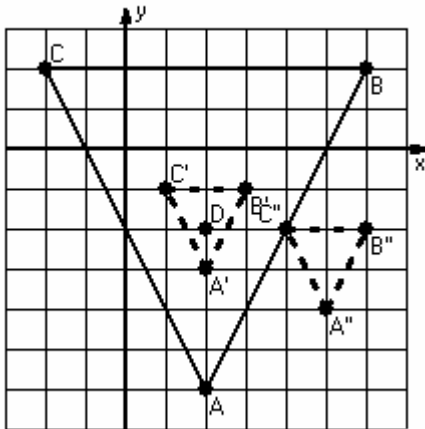
- 1) Dilation scale = $\frac{1}{3}$, center $D(-2,1)$
Reflection $y = 4$



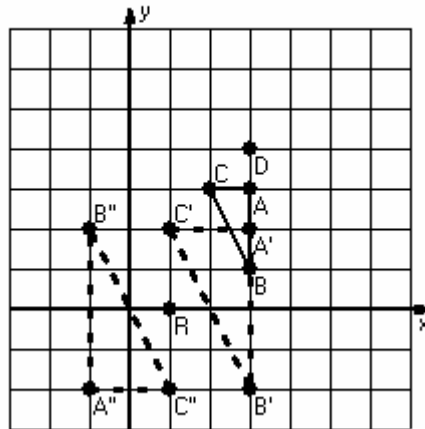
- 2) Translation $[0, -2]$
Rotation 90° counterclockwise, center $R(0, -5)$



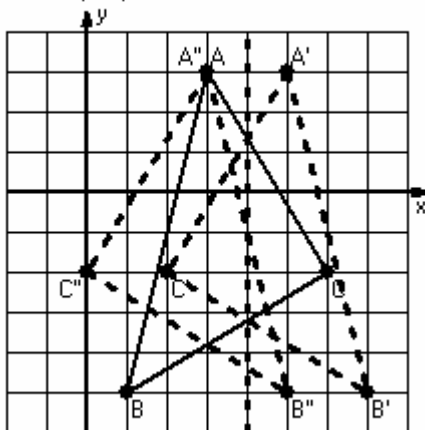
- 3) Dilation scale = $\frac{1}{4}$, center $D(2, -2)$
Translation $[3, -1]$



- 4) Dilation scale = 2, center $D(3, 4)$
Rotation 180° , center $R(1, 0)$



- 5) Reflection $x = 4$
Translation $[-2, 0]$



- 6) Rotation 90° clockwise, center $R(4, -2)$
Reflection $y = -2$

