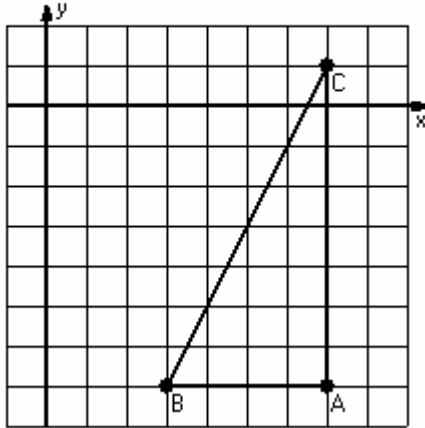


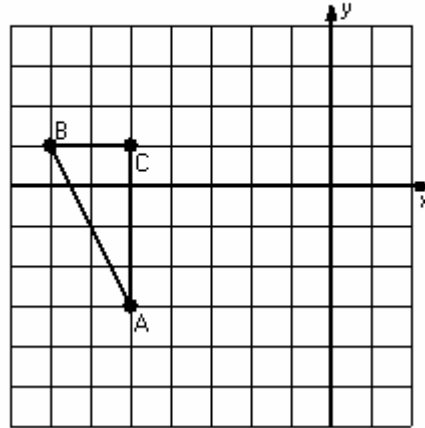
Three-Step Transformations (D)

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

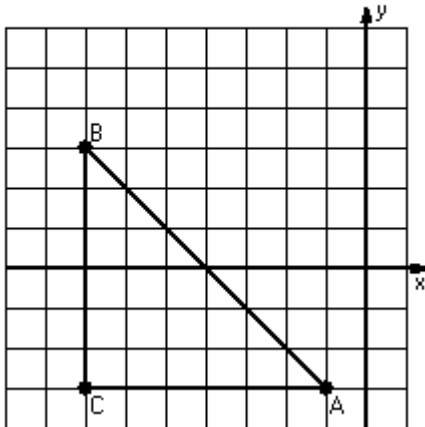
- 1) Dilation scale = $\frac{1}{4}$, center $D(7,-3)$
Reflection $x = 4$
Translation $(2,-3)$



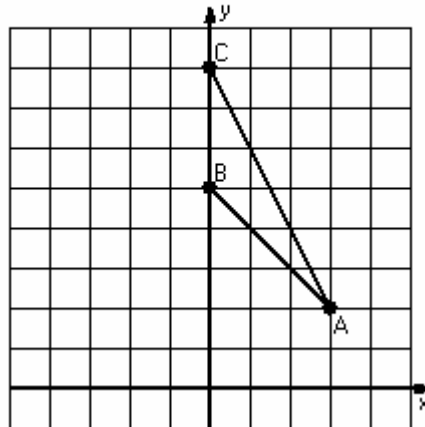
- 2) Reflection $y = 0$
Translation $(3,-2)$
Rotation 90° clockwise, center $R(-2,-1)$



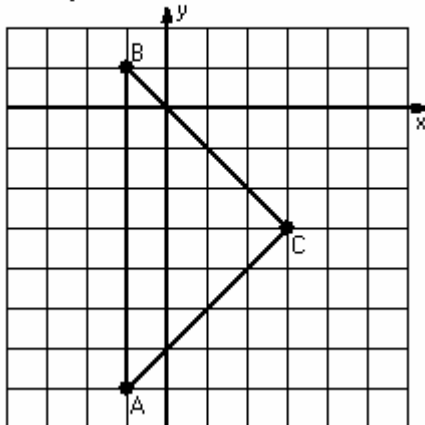
- 3) Dilation scale = $\frac{1}{3}$, center $D(-1,3)$
Rotation 90° counterclockwise, center $R(-2,1)$
Reflection $x = -5$



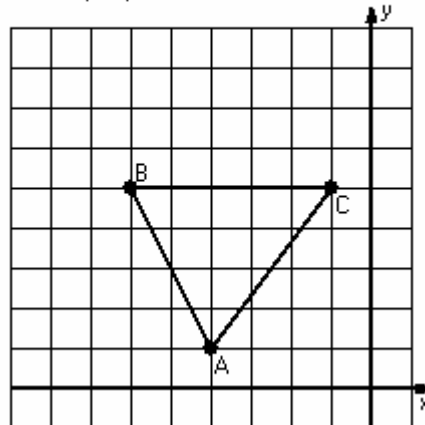
- 4) Dilation scale = $\frac{1}{3}$, center $D(-3,2)$
Translation $(1,3)$
Reflection $x = -2$



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



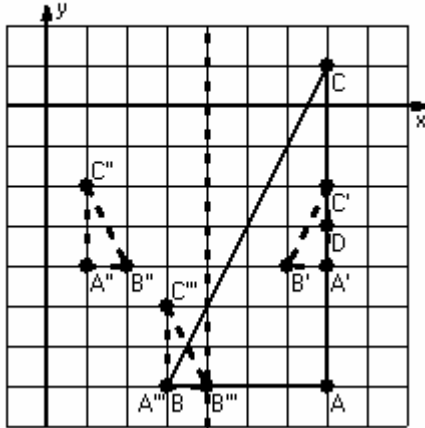
- 6) Reflection $y = 4$
Rotation 180° , center $R(-3,5)$
Translation $(-2,0)$



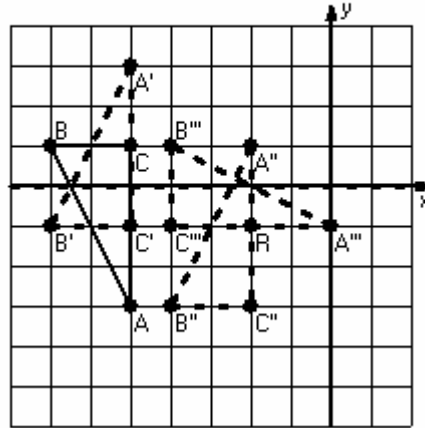
Three-Step Transformations Answer (D)

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

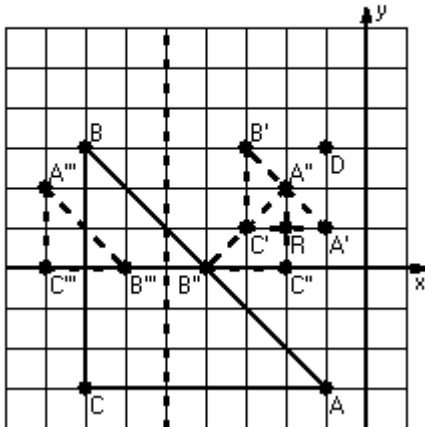
- 1) Dilation scale = $1/4$, center $D(7,-3)$
Reflection $x = 4$
Translation $(2,-3)$



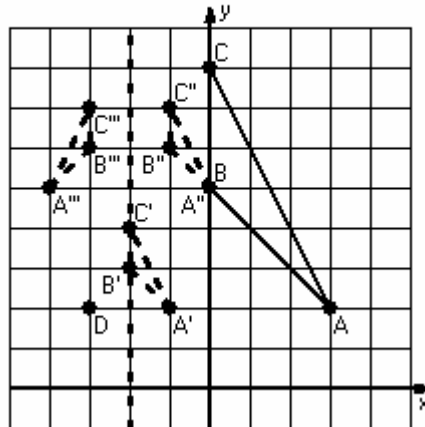
- 2) Reflection $y = 0$
Translation $(3,-2)$
Rotation 90° clockwise, center $R(-2,-1)$



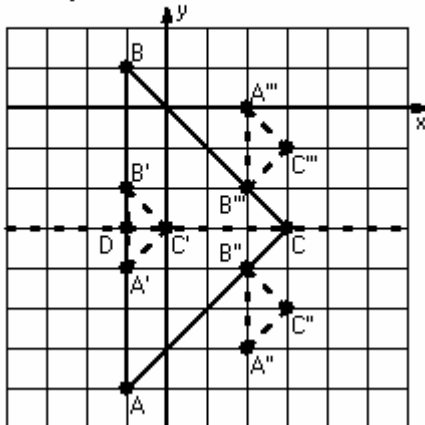
- 3) Dilation scale = $1/3$, center $D(-1,3)$
Rotation 90° counterclockwise, center $R(-2,1)$
Reflection $x = -5$



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



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



- 6) Reflection $y = 4$
Rotation 180° , center $R(-3,5)$
Translation $(-2,0)$

