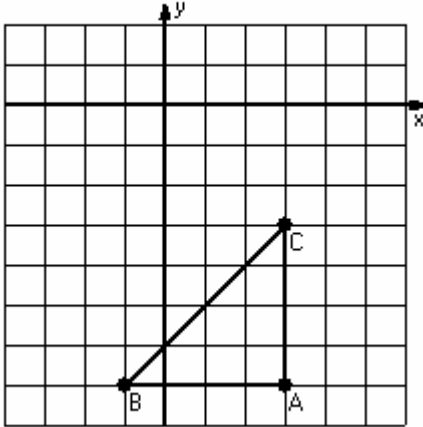


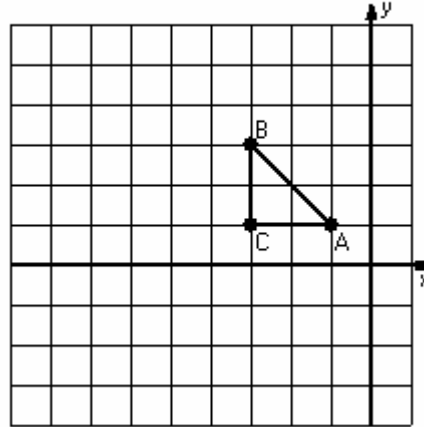
Two-Step Transformations (F)

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

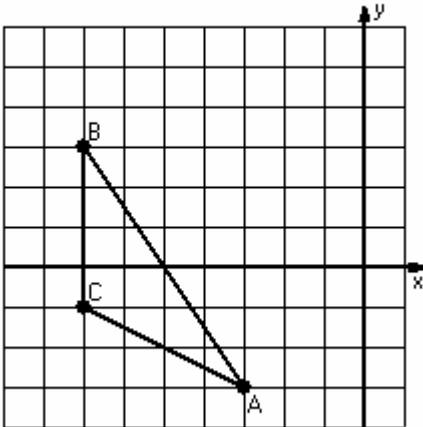
- 1) Dilation scale = $\frac{1}{4}$, center $D(-1,-3)$
Reflection $y = -2$



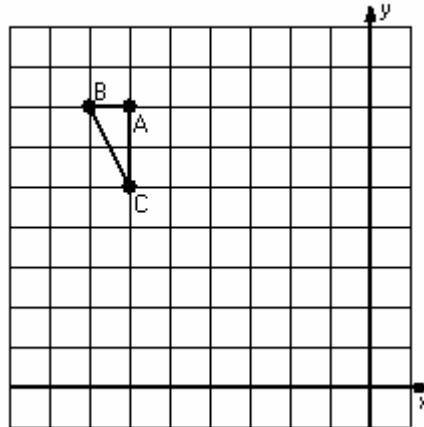
- 2) Dilation scale = 3, center $D(-1,3)$
Rotation 180° , center $R(-4,1)$



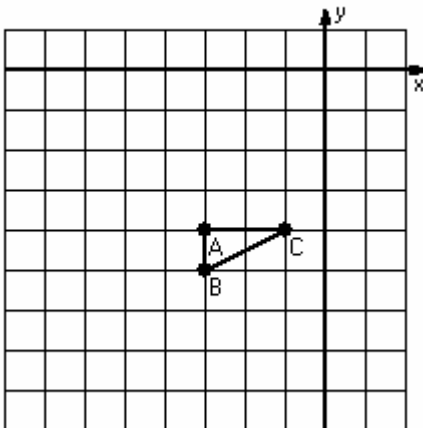
- 3) Dilation scale = $\frac{1}{2}$, center $D(-1,3)$
Reflection $x = -5$



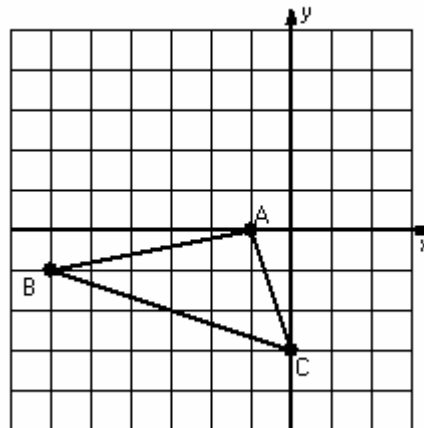
- 4) Rotation 90° clockwise, center $R(-7,5)$
Reflection $x = -4$



- 5) Dilation scale = 3, center $D(-2,-5)$
Translation $(-1,1)$



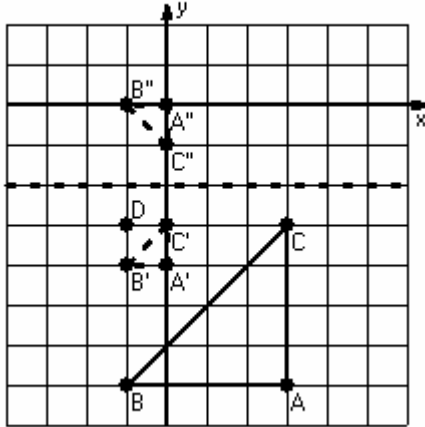
- 6) Translation $(0,-1)$
Rotation 90° counterclockwise, center $R(-3,1)$



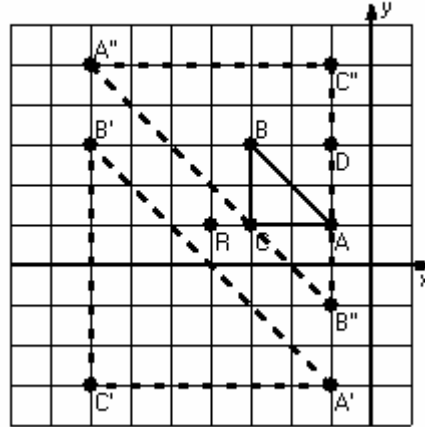
Two-Step Transformations Answer (F)

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

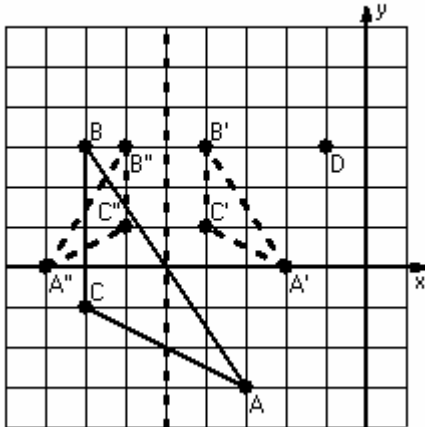
- 1) Dilation scale = $1/4$, center $D(-1,-3)$
Reflection $y = -2$



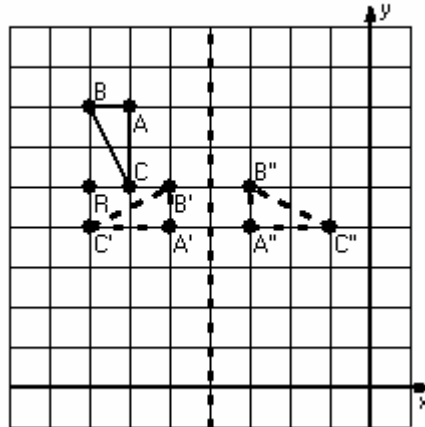
- 2) Dilation scale = 3, center $D(-1,3)$
Rotation 180° , center $R(-4,1)$



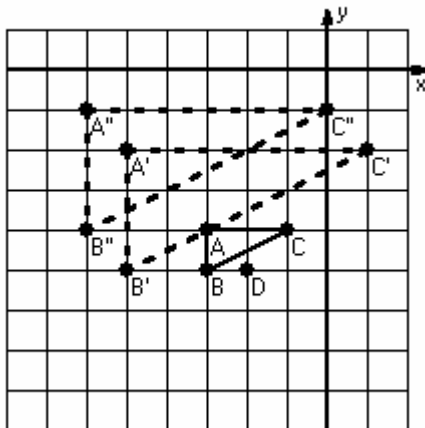
- 3) Dilation scale = $1/2$, center $D(-1,3)$
Reflection $x = -5$



- 4) Rotation 90° clockwise, center $R(-7,5)$
Reflection $x = -4$



- 5) Dilation scale = 3, center $D(-2,-5)$
Translation $(-1,1)$



- 6) Translation $(0,-1)$
Rotation 90° counterclockwise, center $R(-3,1)$

