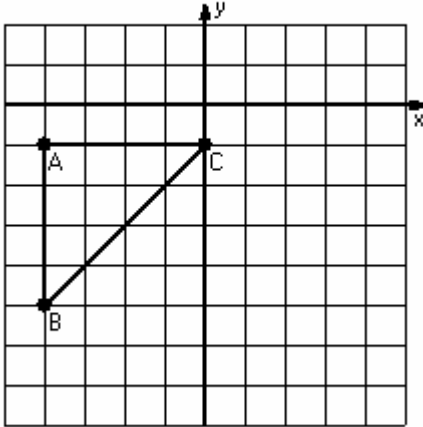


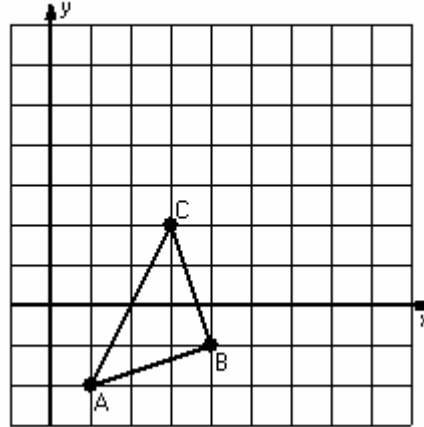
Two-Step Transformations (I)

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

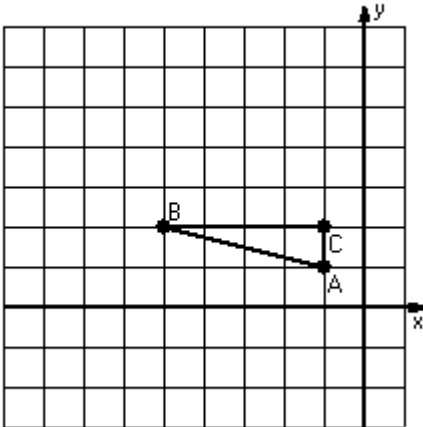
- 1) Dilation scale = $\frac{1}{4}$, center $D(0,-5)$
Reflection $y = -3$



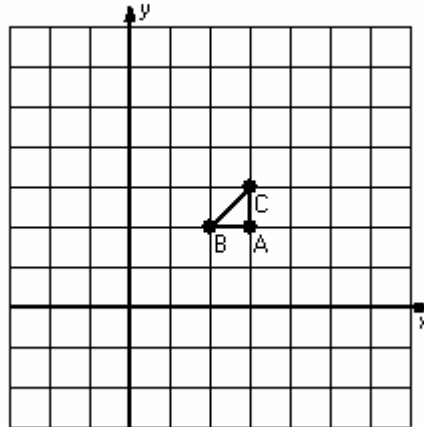
- 2) Translation $(-1,2)$
Rotation 90° clockwise, center $R(4,1)$



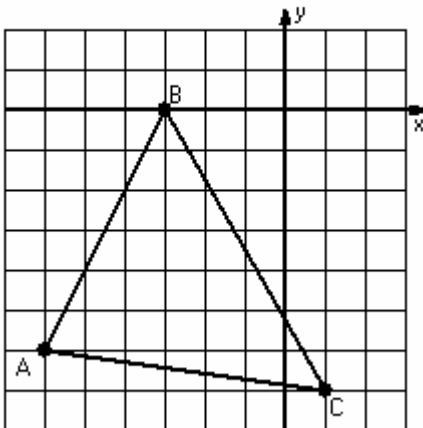
- 3) Dilation scale = 2, center $D(-2,-1)$
Translation $(0,-5)$



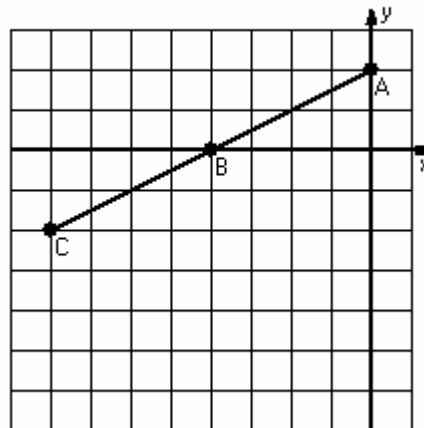
- 4) Dilation scale = 3, center $D(4,2)$
Rotation 90° counterclockwise, center $R(0,3)$



- 5) Reflection $x = -2$
Translation $(0,1)$



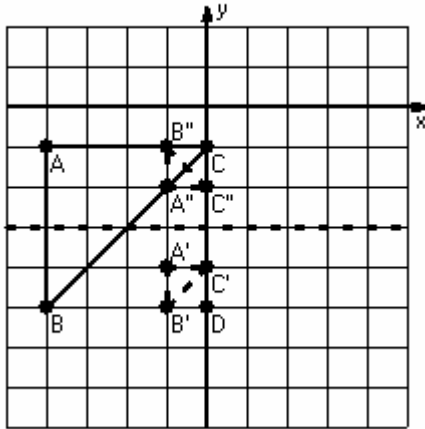
- 6) Dilation scale = $\frac{1}{2}$, center $D(-6,-2)$
Translation $(1,-4)$



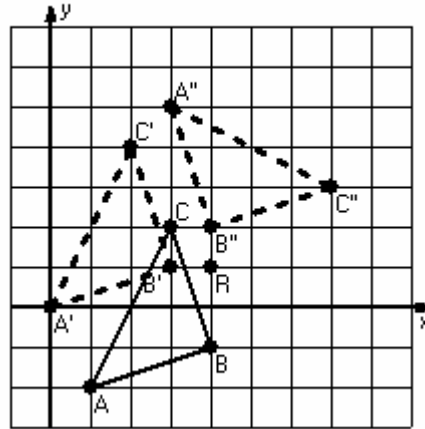
Two-Step Transformations Answer (I)

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

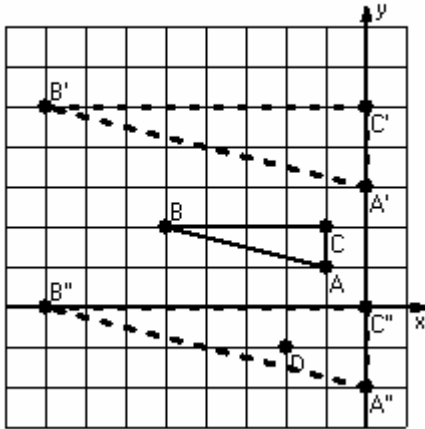
- 1) Dilation scale = $\frac{1}{4}$, center $D(0,-5)$
Reflection $y = -3$



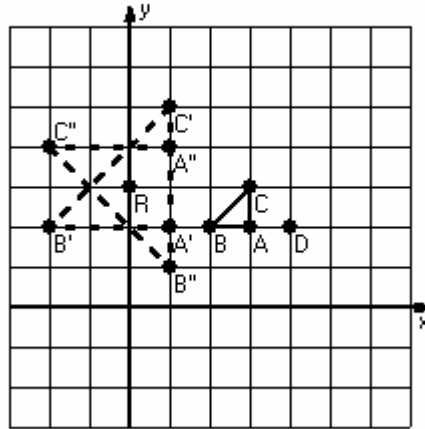
- 2) Translation $[-1, 2]$
Rotation 90° clockwise, center $R(4, 1)$



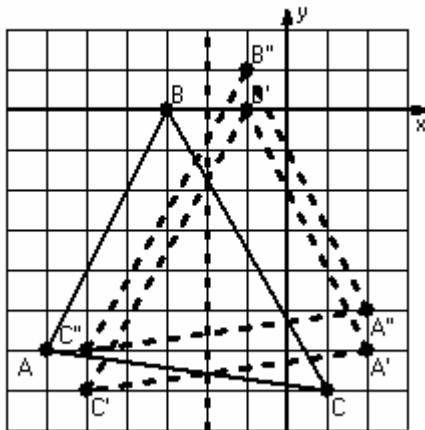
- 3) Dilation scale = 2, center $D(-2, -1)$
Translation $(0, 5)$



- 4) Dilation scale = 3, center $D(4, 2)$
Rotation 90° counterclockwise, center $R(0, 3)$



- 5) Reflection $x = -2$
Translation $(0, 1)$



- 6) Dilation scale = $\frac{1}{2}$, center $D(-6, -2)$
Translation $(1, -4)$

