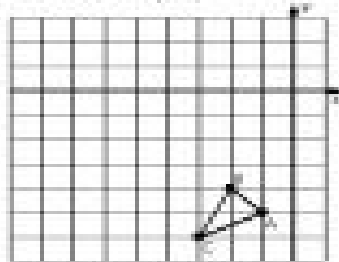


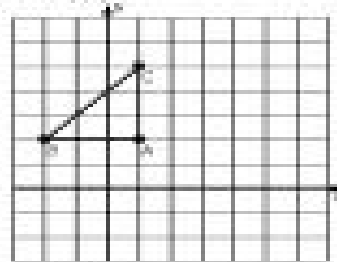
Three-Step Transformations (A)

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

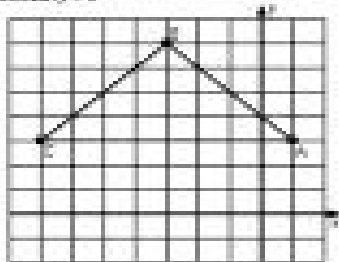
- 1) Translation (1,4)
Reflection $y = 3$
Rotation 180° , center $P(-2,2)$



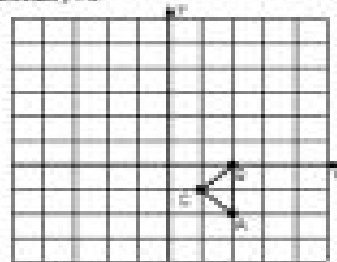
- 2) Rotation scale = 1/3, center $O(4,2)$
Reflection $x = 1$
Translation (1,-2)



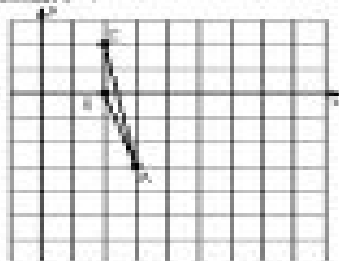
- 3) Dilation scale = 1/4, center $O(-3,2)$
Translation $(0,-1)$
Reflection $y = 2$



- 4) Translation (2,3)
Rotation 90° counterclockwise, center $P(2,0)$
Reflection $y = 0$



- 5) Translation (1,2)
Rotation 180° , center $P(2,1)$
Reflection $x = 4$



- 6) Rotation 90° counterclockwise, center $P(2,0)$
Translation $(1,-2)$
Reflection $x = 1$

