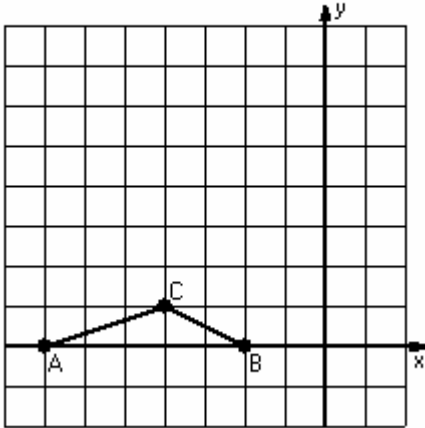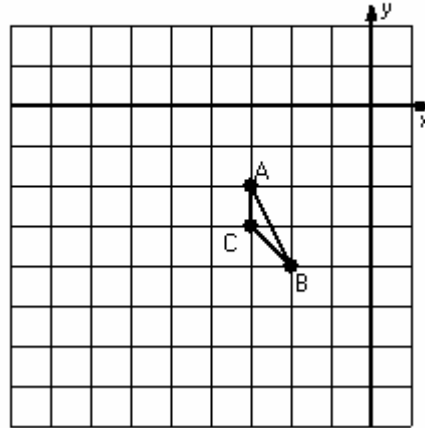# Three-Step Transformations (J)

Instructions: Transform each triangle three times using the instructions in the order given.
Draw and label each transformation.
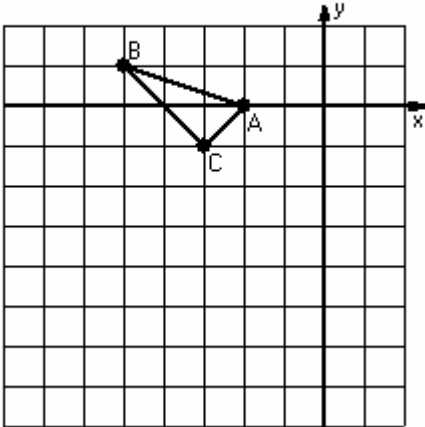
1) Translation (1,0)
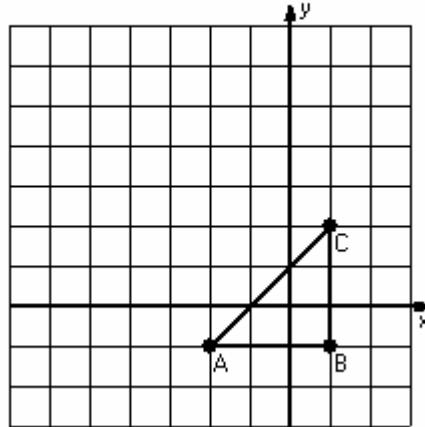   Rotation 180°, center R(-4,1)
   Reflection y = 3

2) Dilation scale = 3, center D(-1,-3)
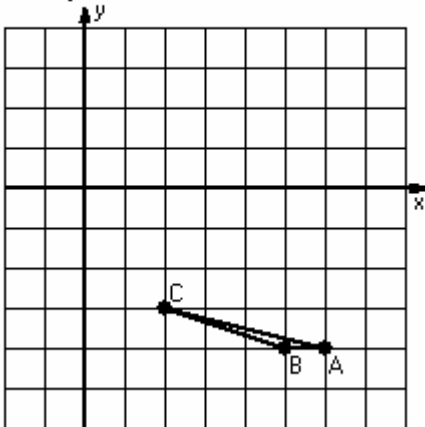   Reflection x = -6
   Translation (5,1)

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

4) Dilation scale = 1/3, center D(1,5)
   Rotation 90° counterclockwise, center R(0,0)
   Reflection x = -1

5) Rotation 180°, center R(4,-2)
   Translation (-3,0)
   Reflection y = 1

6) Dilation scale = 1/4, center D(-3,3)
   Rotation 90° clockwise, center R(-3,1)
   Reflection x = -2