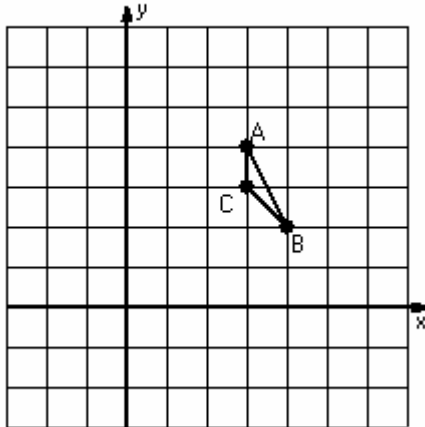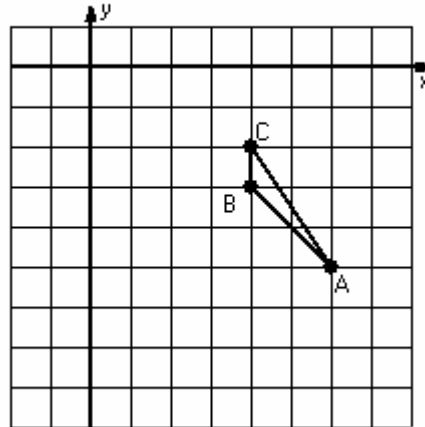# Two-Step Transformations (H)

Instructions: Transform each triangle twice using the instructions in the order given.
Draw and label each transformation.
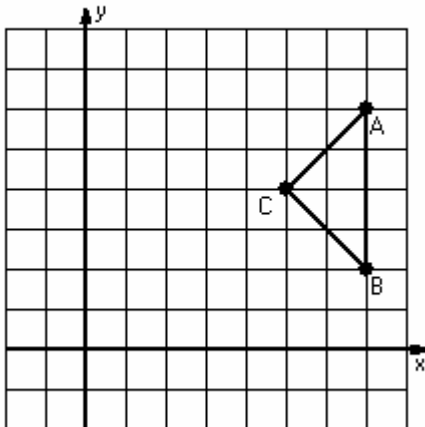
1) Dilation scale = 3, center D(4,4)
   Reflection x = 2
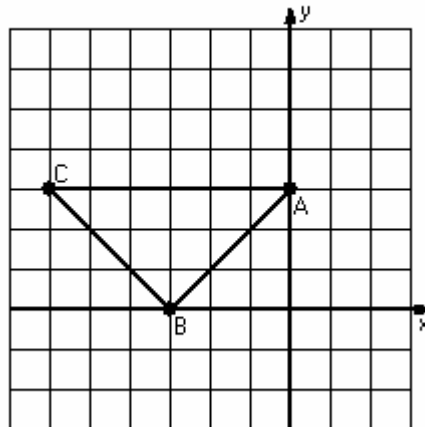
2) Translation (-5,-3)
   Rotation 90° clockwise, center R(2,-7)

3) Dilation scale = 1/2, center D(5,6)
   Translation (-5,-4)

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

5) Reflection y = -2
   Translation (2,3)

6) Rotation 180°, center R(-1,3)
   Reflection x = 0

Two-Step Transformations Answer (H)

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

1) Dilation scale = 3, center D(4,4)
   Reflection x = 2

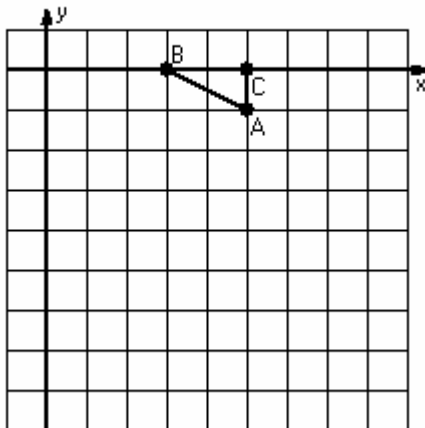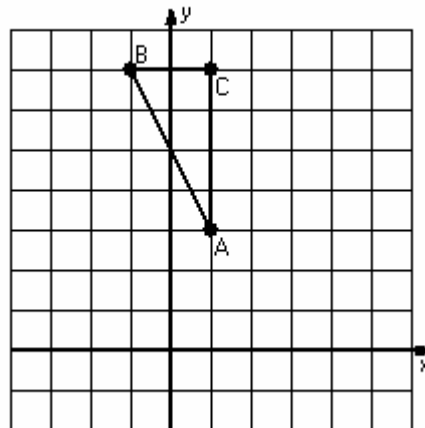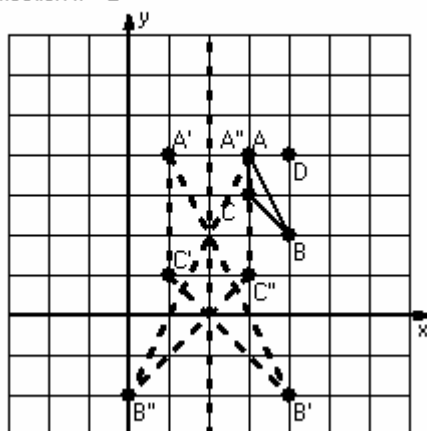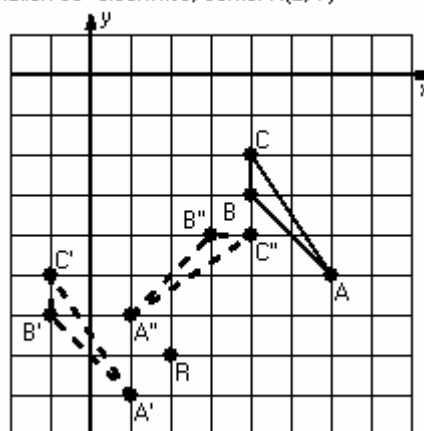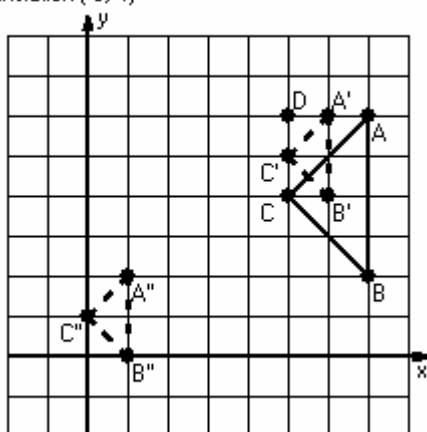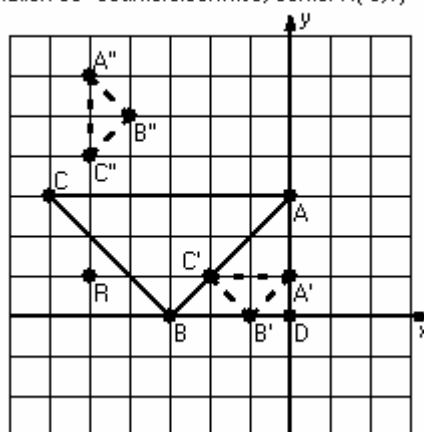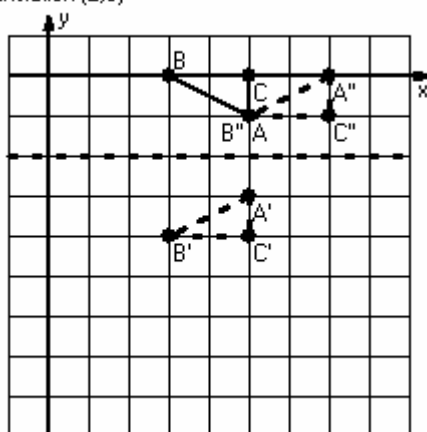2) Translation (-5,-3)
   Rotation 90° clockwise, center R(2,-7)

3) Dilation scale = 1/2, center D(5,6)
   Translation (-5,-4)

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

5) Reflection y = -2
   Translation (2,3)

6) Rotation 180°, center R(-1,3)
   Reflection x = 0