Mixed Transformation Worksheet

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 R(3, 2)

2) Dilation scale = 1/3, center D(4, 2)
   Reflection: x = 1
   Translation (3, -2)

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

4) Translation (2, 3)
   Rotation 90°, counterclockwise, center F(2, 0)
   Reflection: y = 0

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

6) Rotation 90°, counterclockwise, center R(3, 0)
   Translation (-1, 4)
   Reflection: x = 1