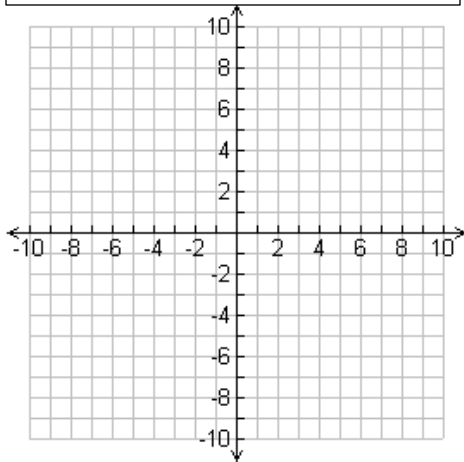**Reverse Transformations Notes Sheet**

1a) A triangle was **translated 4 units up and 2 units left.** Draw the original triangle ABC.
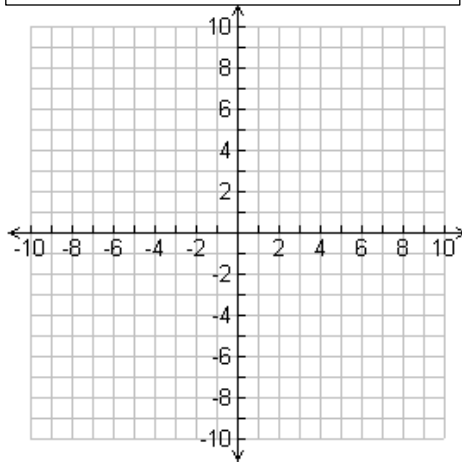**Directions in Reverse:**

1b) A quadrilateral was **reflected across the x-axis**. Draw the original quadrilateral DEFG.
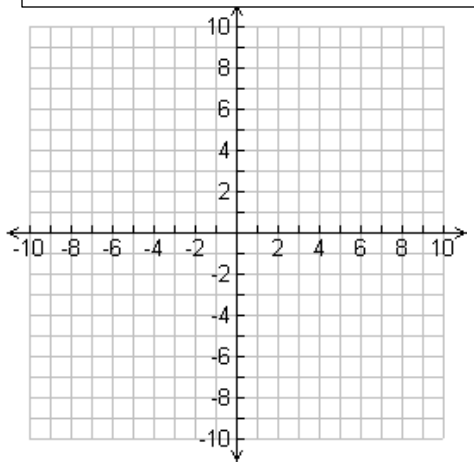**Directions in Reverse:**

2) A triangle was **rotated 90° clockwise.** The image is A'(2, 5) B'(2, 9) C'(4, 5). Draw the original triangle ABC.
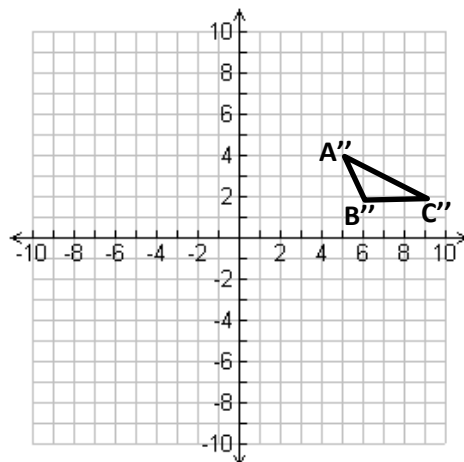
Directions in reverse:

3) A triangle was rotated **270° counterclockwise**. The image is **D'(5, -7) E'(6,-4) F'(7, -7).** Draw the original triangle DEF.
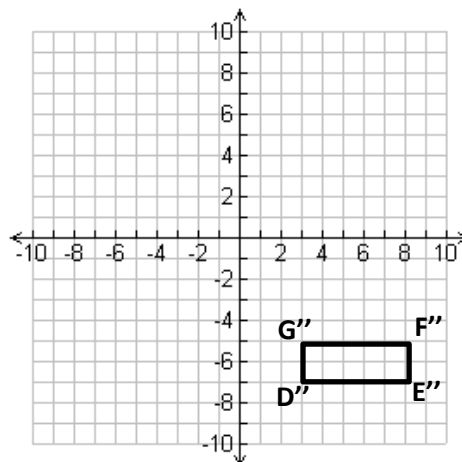
Directions in reverse:

4) A triangle was **reflected across the y-axis** and then **translated right 3 units.** The image is **A''(5, 4) B''(6, 2) C''(9, 2).** Draw the original triangle **ABC**.

Directions in reverse:

5) A rectangle was translated **3 units right and 5 units down,** and then **rotated 90° counterclockwise.** The image is **D''(3,-7) E''(8,-7) F''(8, -5) G''(3, -5).** Draw the original rectangle **DEFG.**

Directions in reverse:

6) A trapezoid was **translated 5 units down**, then **reflected across the x-axis** and then **rotated 270° clockwise.** The image is **A'''(1, 6) B'''(1, 1) C'''(3, 1) D'''(3, 4).** Draw the original trapezoid **ABCD**.

Directions in reverse: