

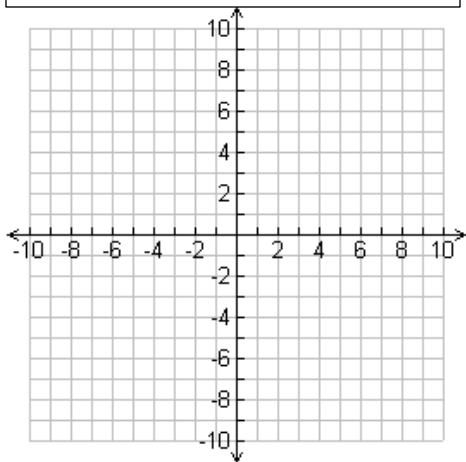
Reverse Transformations

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

Directions in Reverse:

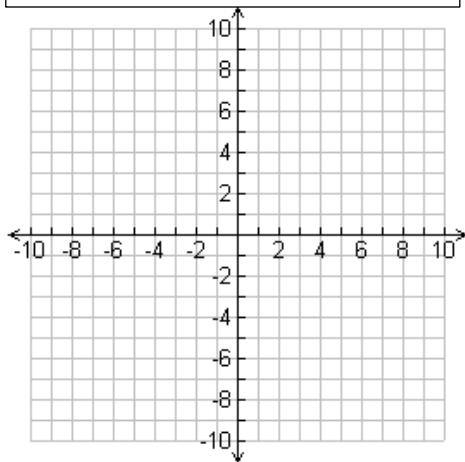
1b) A quadrilateral was **reflected across the x-axis**. Draw the original quadrilateral DEFG.

Directions in Reverse:



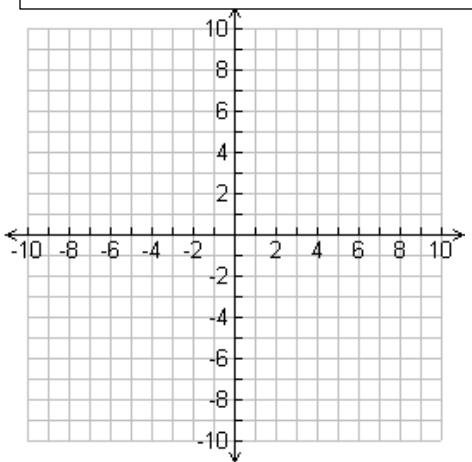
2) A triangle was **rotated 90° clockwise**. The image is $A'(2, 5)$ $B'(2, 9)$ $C'(4, 5)$. Draw the original triangle ABC.

Directions in reverse:



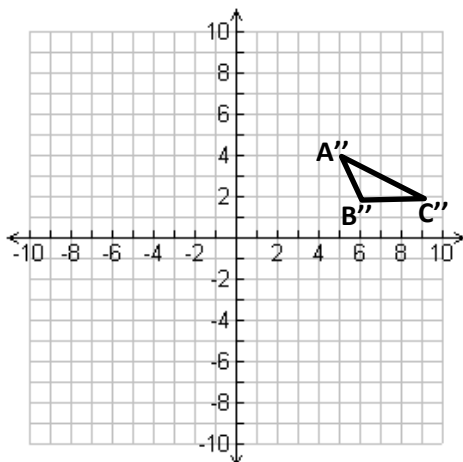
3) A triangle was rotated **270° counterclockwise**. The image is $D'(5, -7)$ $E'(6, -4)$ $F'(7, -7)$. Draw the original triangle DEF.

Directions in reverse:



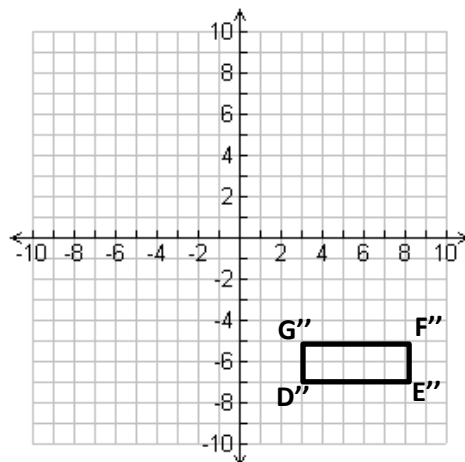
4) A triangle was **reflected across the y-axis** and then **translated right 3 units**. The image is $A''(5, 4)$ $B''(6, 2)$ $C''(9, 2)$. Draw the original triangle ABC.

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:

