




## More transformation problems...

## ON GRAPH 2

- A triangle was rotated $90^{\circ}$ clockwise. The image is $A^{\prime}(2,5) B^{\prime}(2,9) C^{\prime}(4,5)$. Draw the original triangle $A B C$.
- In reverse: $90^{\circ}$ counterclockwise


## ON GRAPH 3

- A triangle was rotated $270^{\circ}$ counterclockwise. The image is $D^{\prime}(5,-7) E^{\prime}(6,-4) F^{\prime}(7,-7)$. Draw the original triangle DEF.
- In reverse: $\mathbf{2 7 0}{ }^{\circ}$ clockwise


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

- In reverse: translate left 3 units, then reflect across the $y$-axis

ON GRAPH 5

- A rectangle was translated 3 units right and 5 units down, and then rotated $90^{\circ}$
counterclockwise. The image is $\mathrm{D}^{\prime}(3,-7) E^{\prime}(8,-7)$
$F^{\prime}(8,-5) G^{\prime}(3,-5)$. Draw the original rectangle DEFG.
- In reverse: rotate $90^{\circ}$ clockwise, then translate 5 up and 3 left


