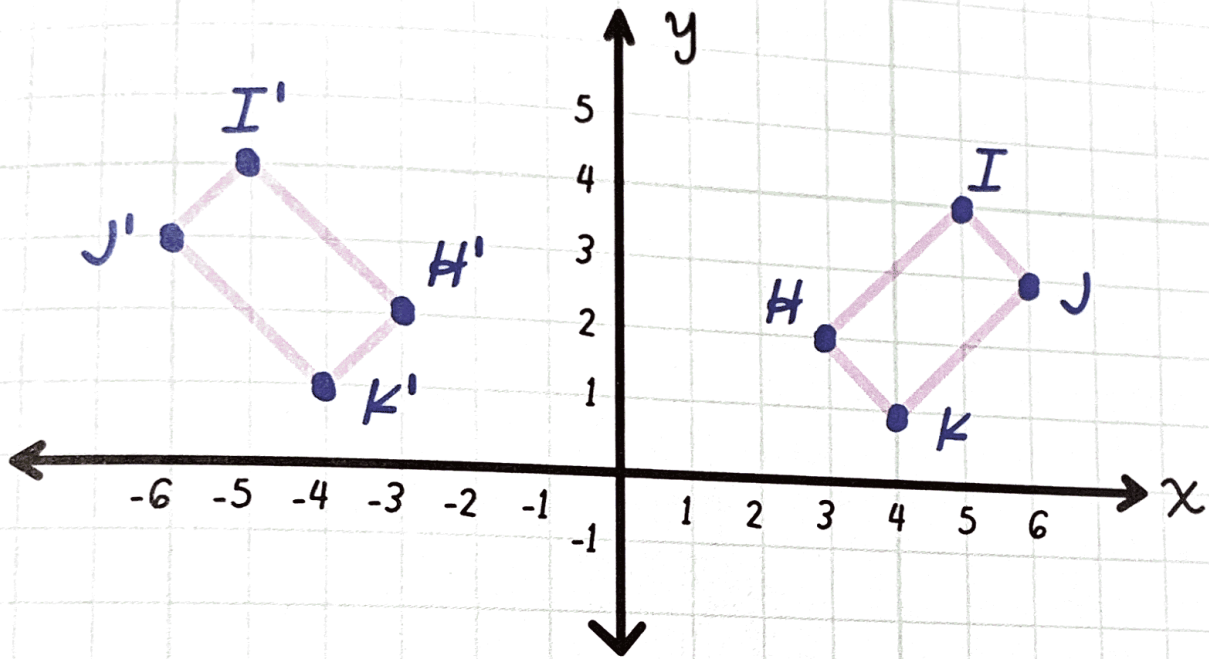


EXAMPLE: Given the polygon $H I J K$, reflect the shape over the y -axis.



First, count how many units each point is away from the reflection line (the y -axis) and position the reflected point the same distance away on the other side.

Lastly, plot and label the new image as $H' I' J' K'$.

ORIGINAL IMAGE

$H (3, 2)$	$H' (-3, 2)$
$I (5, 4)$	$I' (-5, 4)$
$J (6, 3)$	$J' (-6, 3)$
$K (4, 1)$	$K' (-4, 1)$

SHORTCUT: When a figure is reflected across the y -axis, the sign of the x -value will simply change to the opposite.