

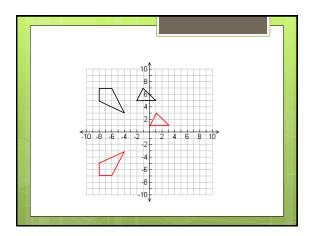
More transformation problems...

ON GRAPH 1

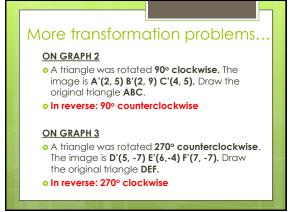
- A triangle was translated **4 units up** and **2 units left**. The image is A'(-2, 7) B'(-1, 9) C'(1, 7). Draw the original triangle ABC.
- o In reverse: 2 right and 4 down

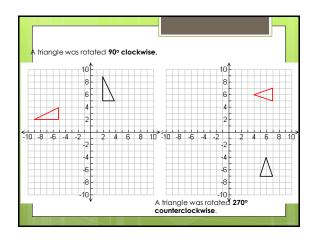
ALSO ON GRAPH 1

- A quadrilateral was reflected across the x-axis. The image is D'(-8, 5) E'(-8, 7) F'(-6, 7) G'(-4, 3). Draw the original quadrilateral DEFG.
- o In reverse: reflect back across the x-axis









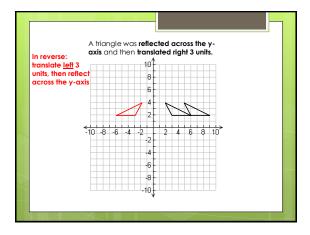
More transformation problems...

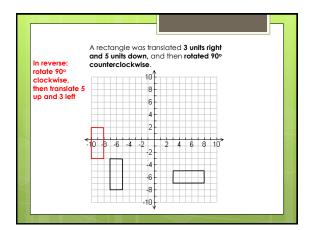
ON GRAPH 4

- o 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.
- o In reverse: translate <u>left</u> 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° counterclockwise. The image is D'(3,-7) E'(8,-7) F'(8,-5) G'(3,-5). Draw the original rectangle DEFG.
- o In reverse: rotate 90° clockwise, then translate 5 up and 3 left





More transformation problems..

ON GRAPH 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.
- o In reverse: rotate 270° counterclockwise, then reflect across the x-axis, then translate 5 units up.

