Transform the Shapes

Graph the image of each shape after the given transformation.

1) Reflection across the line $y = 3$
2) $90^0$ counterclockwise rotation about the origin

3) Translate 6 units up and 4 units left
4) Reflection across the line $x = -4$

5) $180^0$ rotation about the origin
6) Translate 5 units right and 3 units down

7) Reflection across the x-axis
8) $90^0$ clockwise rotation about the origin
Graph the image of each shape after the given transformation.

1) Reflection across the line $y = 3$

2) $90^\circ$ counterclockwise rotation about the origin

3) Translate 6 units up and 4 units left

4) Reflection across the line $x = -4$

5) $180^\circ$ rotation about the origin

6) Translate 5 units right and 3 units down

7) Reflection across the x-axis

8) $90^\circ$ clockwise rotation about the origin
Graph the image of each shape after the given transformation.

1) Translate 6 units right and 6 units up

2) Reflection across \( y = -x \)

3) 90° counterclockwise rotation about the origin

4) Translate 2 units down and 4 units left

5) Reflection across the y-axis

6) 180° rotation about the origin

7) Translate 5 units left and 2 units up

8) Reflection across the line \( x = 5 \)

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Graph the image of each shape after the given transformation.

1) Translate 6 units right and 6 units up

2) Reflection across $y = -x$

3) 90° counterclockwise rotation about the origin

4) Translate 2 units down and 4 units left

5) Reflection across the y-axis

6) 180° rotation about the origin

7) Translate 5 units left and 2 units up

8) Reflection across the line $x = 5$
Graph the image of each shape after the given transformation.

1) 90° clockwise rotation about the origin

2) Translate 3 units up and 5 units right

3) Reflection across the line y = –2

4) 180° rotation about the origin

5) Translate 4 units down and 1 unit right

6) Reflect across the line x = 1

7) 90° counterclockwise rotation about the origin

8) Translate 6 units left and 2 units down
Graph the image of each shape after the given transformation.

1) 90° clockwise rotation about the origin
2) Translate 3 units up and 5 units right
3) Reflection across the line y = –2
4) 90° counterclockwise rotation about the origin
5) Translate 4 units down and 1 unit right
6) Reflect across the line x = 1
7) 90° counterclockwise rotation about the origin
8) Translate 6 units left and 2 units down