

Name _____

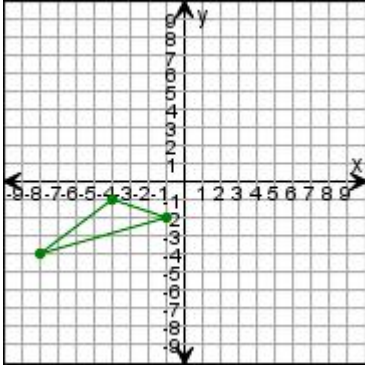


Date _____

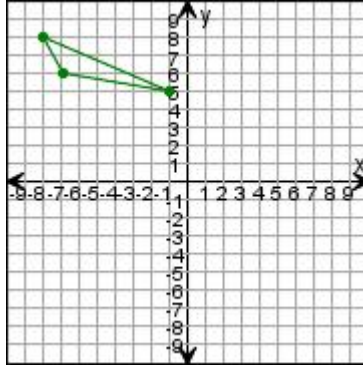
Transformations

Draw the triangle after the transformations. State the ordered pairs of the new vertices.

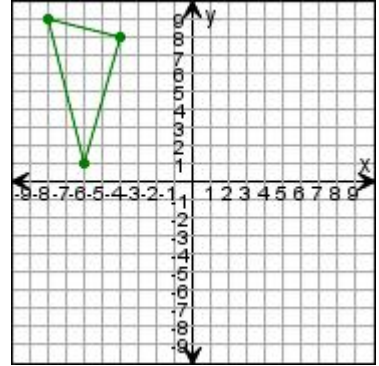
1. Translate the triangle 3 units right. Then rotate the new triangle 90° clockwise around $(0,0)$.



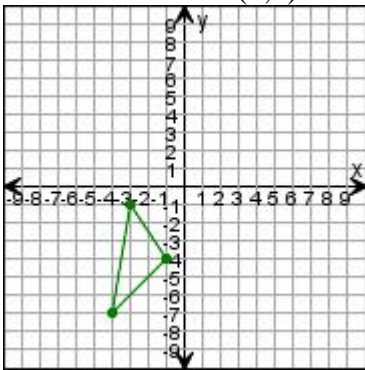
2. Translate the triangle 2 units right. Then rotate the new triangle 270° clockwise around $(0,0)$.



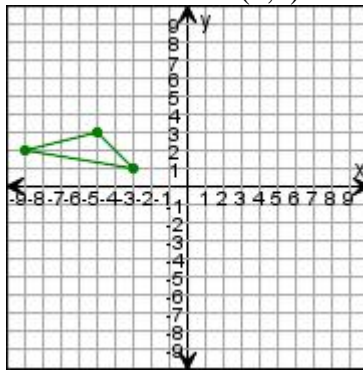
3. Translate the triangle right 2 units, then 4 units down. Then reflect the new triangle over the x-axis.



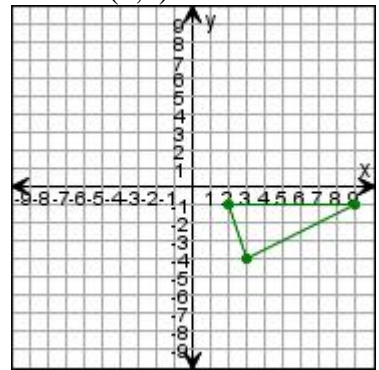
4. Translate the triangle down 2 units, then 5 units right. Then rotate the new triangle 180° clockwise around $(0,0)$.



5. Translate the triangle down 2 units, then 1 unit right. Then rotate the new triangle 180° clockwise around $(0,0)$.



6. Translate the triangle 2 units left. Then rotate the new triangle 90° clockwise around $(0,0)$.



Enter answers
in text boxes.