Task Four - Reflections

You are to label the top of your grid sheet as Task Four - Rotations You then need to rule up your grid sheet with the x axis going from -10 to 10, and the y axis going from -10 to 10. You are to use the information given in each question below to draw a trapezoid at the starting location (make sure you label each trapezoid with its question umber). You then need to follow the rotations instructions for each question.

Once you have completed this, you need to click on the link on my website to input the coordinate locations AFTER the rotations have been completed.

Coordinates to plot:

1. Begin on A(-8,6) B(-3,6) C(-9,2) D(-2,2) and rotate the shape 90° clockwise around the origin.

2. Begin on A(7,-5) B(2,-5) C(8,-1) D(1,-1) and rotate the shape 90° counter clockwise around the origin.

3. Begin on A(-3,-5) B(-8,-5)C(-2,-1) D(-9,-1) and rotate the shape 180° around the origin.

4. Begin on A(-6,0) B(-1,0) C(-7,-4) D(0,-4) and rotate the shape 270° counter clockwise around point D.

5. Choose any of the problems above (indicate by writing #1, 2, 3 or 4 on your Google Form) and discuss any relationship you observe between the change in the ordered pair for each vertex, and the direction and number of units the shape was moved.