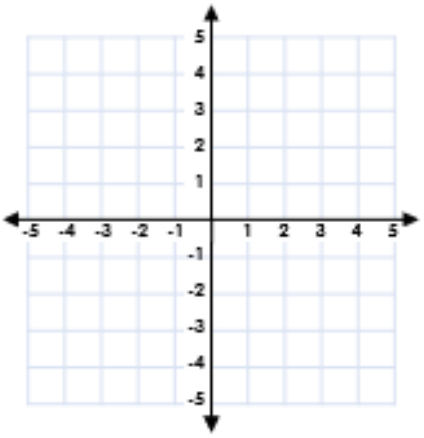
Four Quadrants

1a. Holly thinks that the coordinates below make a parallelogram.

(-3, 3)
(-1, 2)
(-4, -2)
(-1, -3)



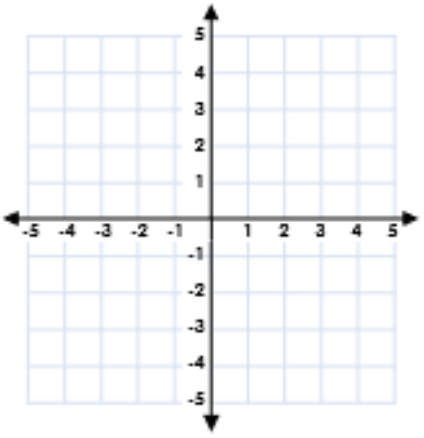
Is she correct? Explain why.

R

Four Quadrants

1b. Max thinks that the coordinates below make a trapezium.

(-3, 2)
(-2, 4)
(3, 5)
(4, 2)

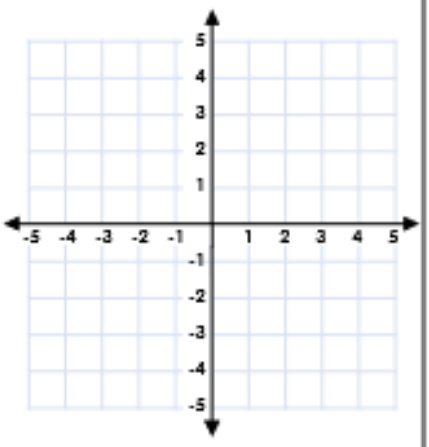


Is he correct? Explain why.

R

2a. Follow the clues. What could the coordinates of the shape be?

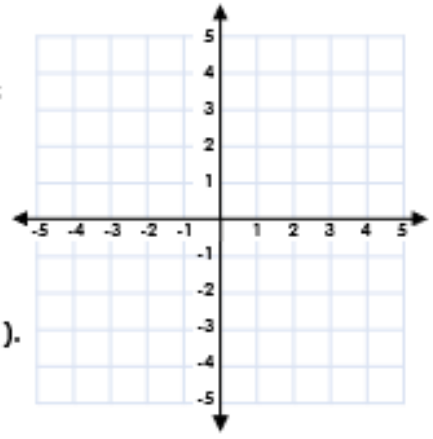
- The shape is a rhombus.
- The shape is in one quadrant.
- One of the points is (2, -1).



PS

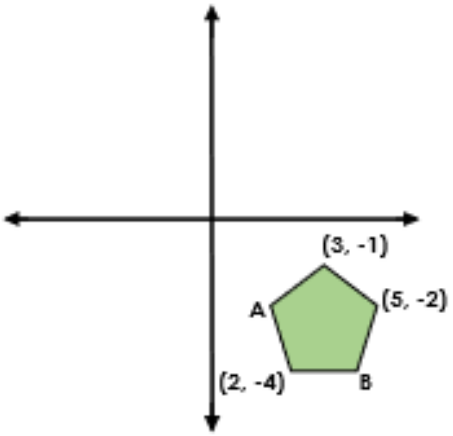
2b. Follow the clues. What could the coordinates of the shape be?

- The shape has only negative coordinates
- The shape is a kite.
- One of the points is (-3, -1).



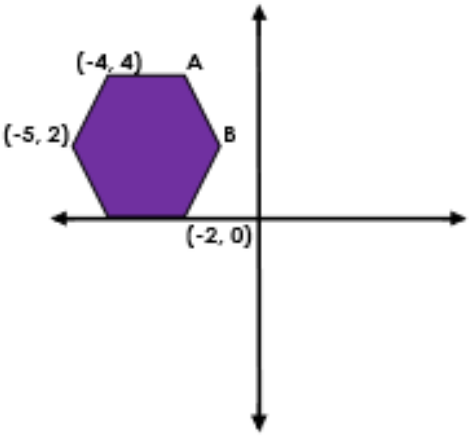
PS

3a. Here is a pentagon with a vertical line of symmetry. Use the given coordinates to find the coordinates of points A and B.



R

3b. Here is a hexagon with a vertical line of symmetry. Use the given coordinates to find the coordinates of points A, B and C.



R