

The Coordinate Plane Exit Quiz

Multiple Choice

1. Which ordered pair locates a point in **quadrant IV**?

- a.) $(0, 1)$
- b.) $(1, 0)$
- c.) $(0, 0)$
- d.) $(1, -1)$

2. Which ordered pair locates a point in **quadrant I**?

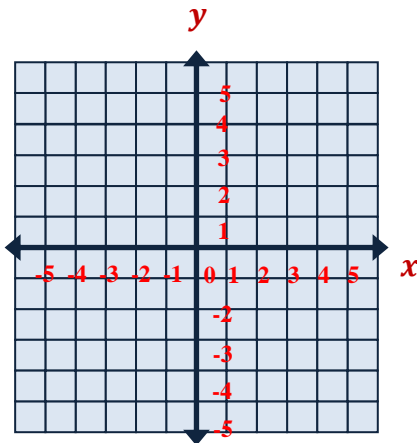
- a.) $(0, 1)$
- b.) $(4, 1)$
- c.) $(-4, 1)$
- d.) $(4, 0)$

3. Which ordered pair locates a point on the **y-axis**?

- a.) $(0, 1)$
- b.) $(4, 1)$
- c.) $(-4, 1)$
- d.) $(4, 0)$

4. Graph each point on a coordinate plane and find the line segment lengths.

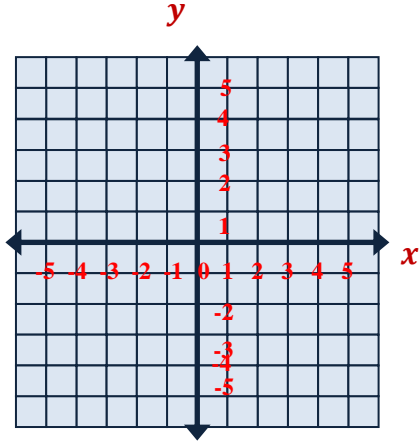
$B(-3, 4)$ and $C(3, 4)$



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5. Graph each point on a coordinate plane and find the area of the figure.

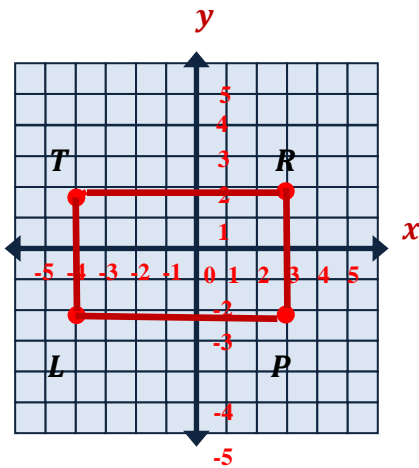
$T(-4, 2)$ $R(3, 2)$ $L(-4, -2)$ $P(3, -2)$



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5. Graph each point on a coordinate plane and find the area of the figure.

$$T(-4, 2) \quad R(3, 2) \quad L(-4, -2) \quad P(3, -2)$$



\overline{TR} is horizontal

$$\overline{TR} = |\text{difference of } x - \text{coordinates}|$$

$$\overline{TR} = |3 - (-4)| = |3 + 4| = 7$$

$$\overline{TR} = 7 \text{ units}$$

\overline{LT} is vertical

$$\overline{LT} = |\text{difference of } y - \text{coordinates}| =$$

$$\overline{LT} = |-2 - 2| = |-4| = 4$$

$$\overline{LT} = 4 \text{ units}$$

Rectangle

$$A = \overline{TR} * \overline{LT}$$

$$A = 7 \text{ units} * 4 \text{ units}$$

$$A = 28 \text{ units}^2$$