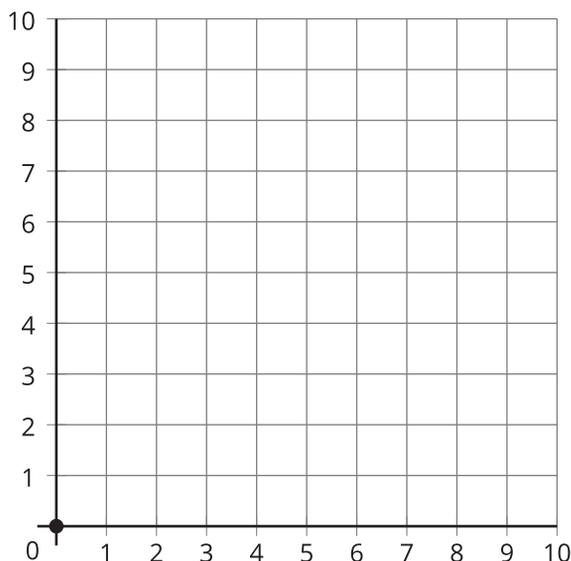


Lesson 3: Plot More Points

- Let's locate and name points on the coordinate grid.

Warm-up: Notice and Wonder: Points with Zero

What do you notice? What do you wonder?

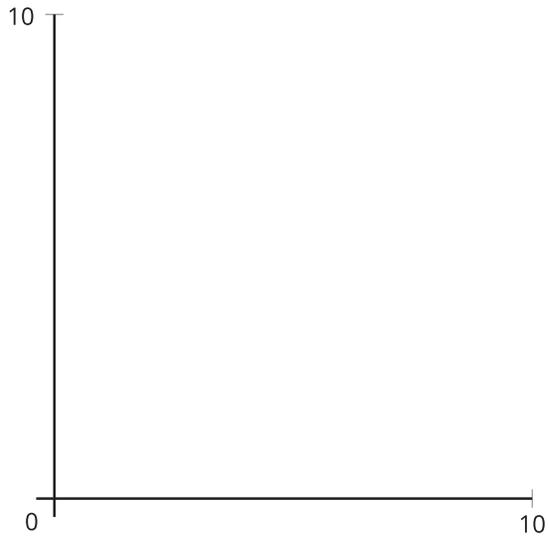


3.1: What's the Point?

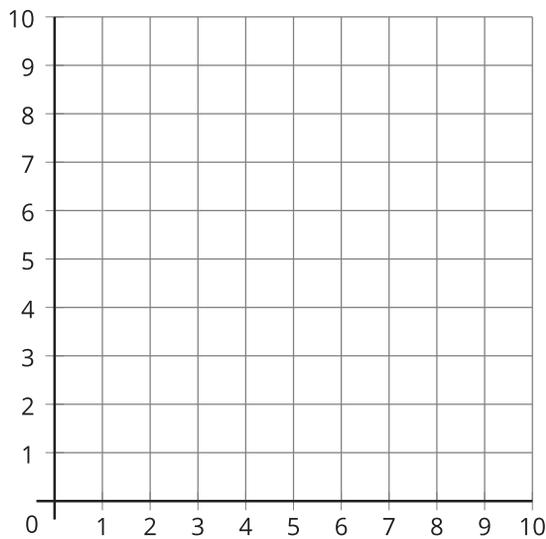
Partner A

1. Estimate the location of each point.

Point	Coordinates
<i>A</i>	(5, 1)
<i>B</i>	(5, 2)
<i>C</i>	(5, 3)
<i>D</i>	(5, 4)



2. Plot and label the points on the coordinate grid.



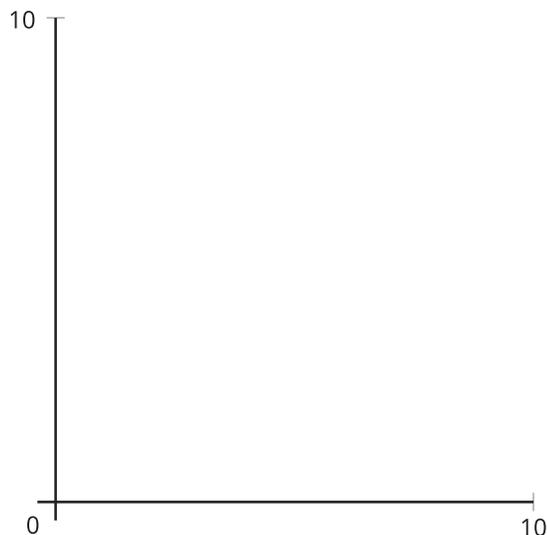
3. What do the points have in common?

4. Plot the point with coordinates (5, 0) on the coordinate grid.

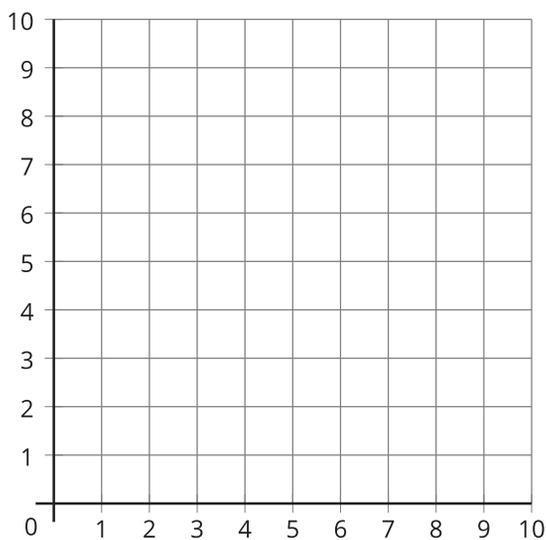
Partner B

1. Estimate the location of each point.

Point	Coordinates
<i>A</i>	(4, 3)
<i>B</i>	(5, 3)
<i>C</i>	(6, 3)
<i>D</i>	(7, 3)



2. Plot and label the points on the coordinate grid.

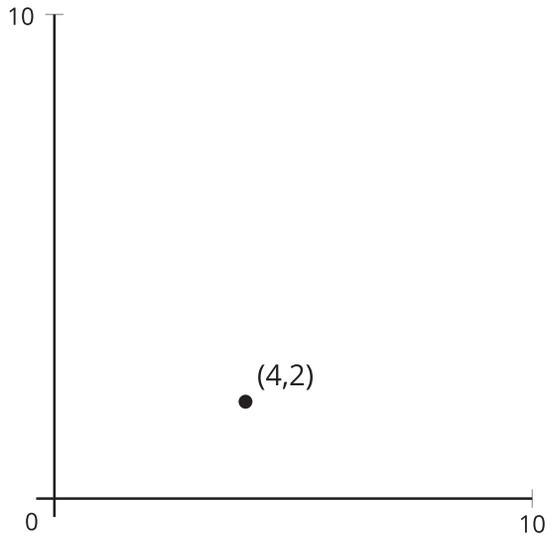


3. What do the points have in common?

4. Plot the point with coordinates (0, 3) on the coordinate grid.

3.2: Plotting Points Without a Grid

1. A point is labeled in the coordinate plane. Plot and label some other points.
Explain or show your reasoning.

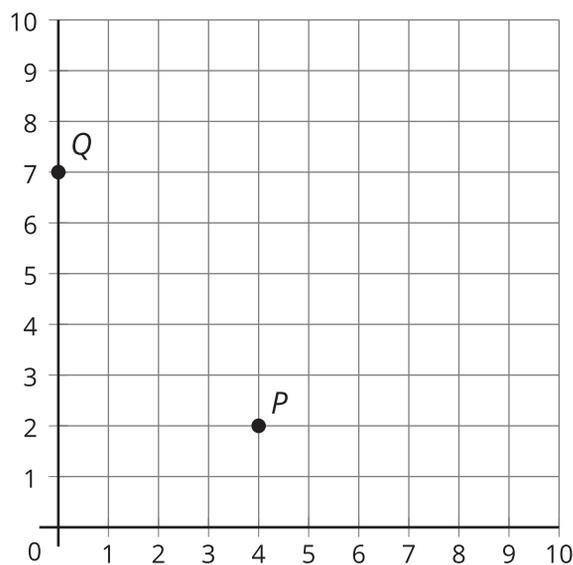


2. Can you plot $(1, 0)$ and $(0, 1)$ accurately? Explain or show your reasoning.

Section Summary

Section Summary

In this section, we plotted and described points on the coordinate grid.



The point P is 4 units from the vertical axis and 2 units from the horizontal axis. Its coordinates are $(4, 2)$. The point Q is 0 units from the vertical axis since it is on the vertical axis. It is 7 units from the horizontal axis. Its coordinates are $(0, 7)$.

The first coordinate of a point tells us its horizontal position and the second coordinate gives its vertical position.