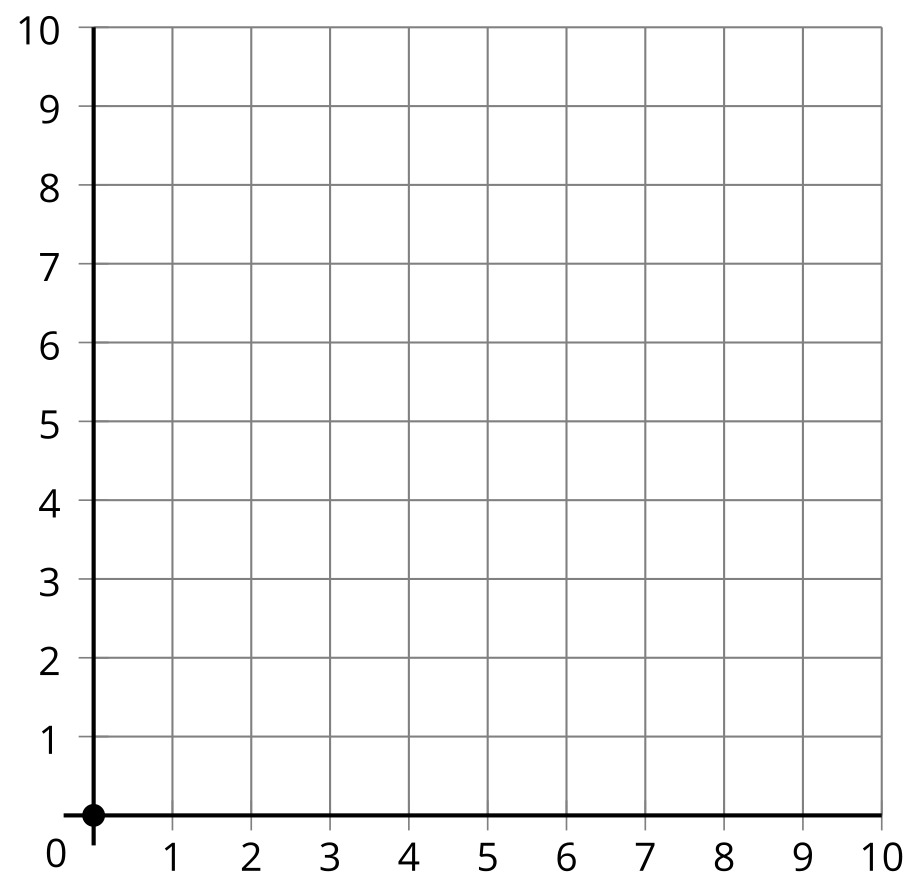
## Lesson 3: Plot More Points

* 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?

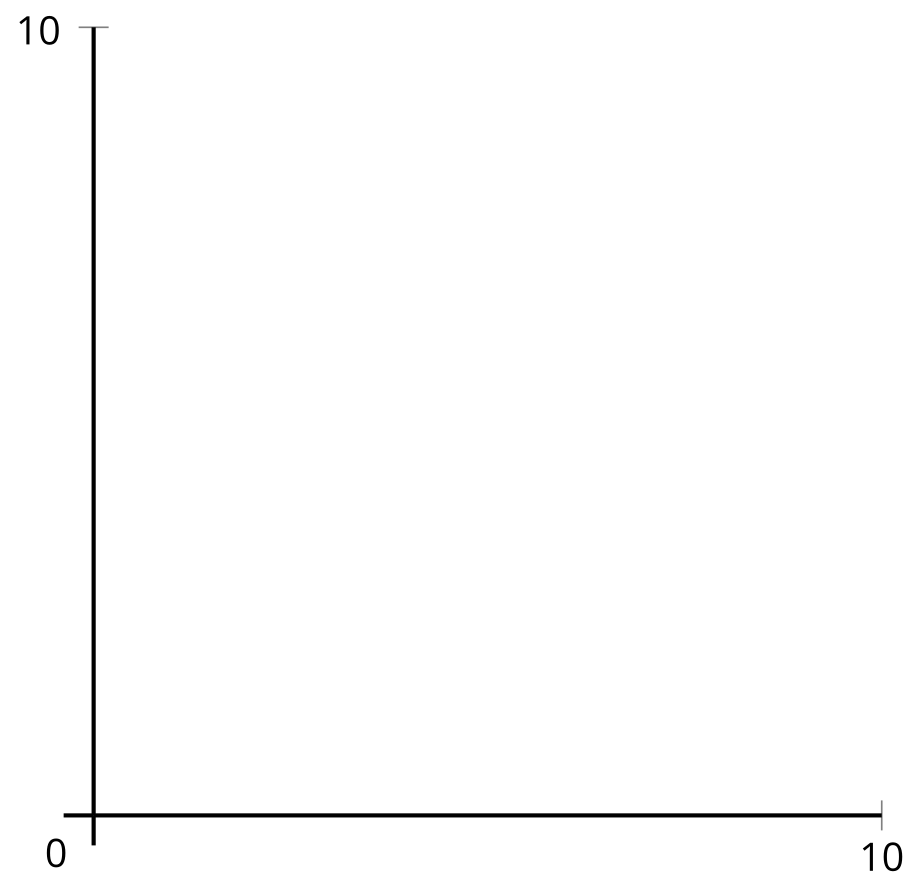


### 3.1: What’s the Point?

Partner A

1. Estimate the location of each point.

| * Point | * Coordinates |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

* 

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

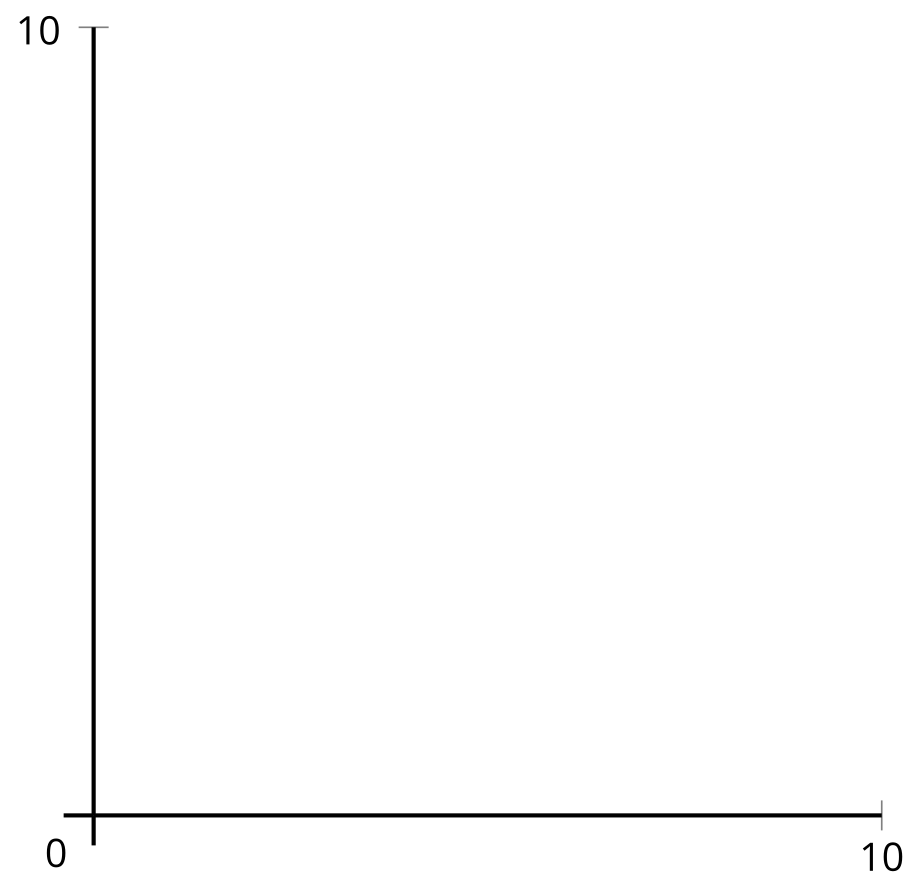
* 

1. What do the points have in common?
2. Plot the point with coordinates on the coordinate grid.

Partner B

1. Estimate the location of each point.

| * Point | * Coordinates |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

* 

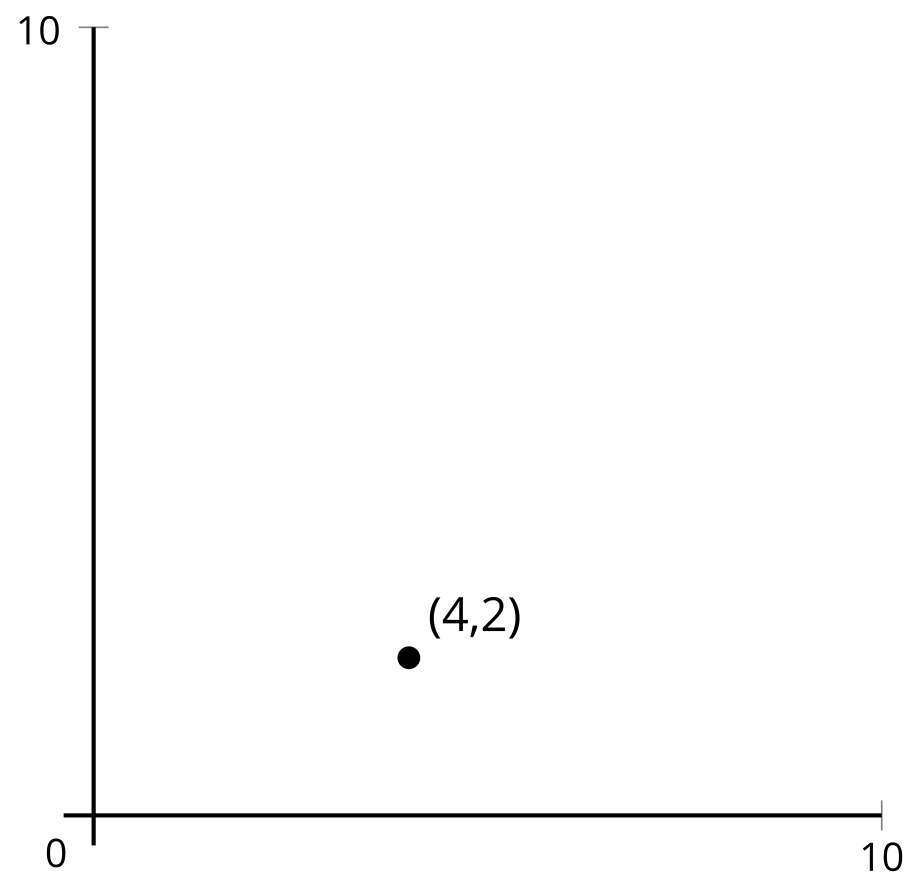
1. Plot and label the points on the coordinate grid.

* 

1. What do the points have in common?
2. Plot the point with coordinates 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.

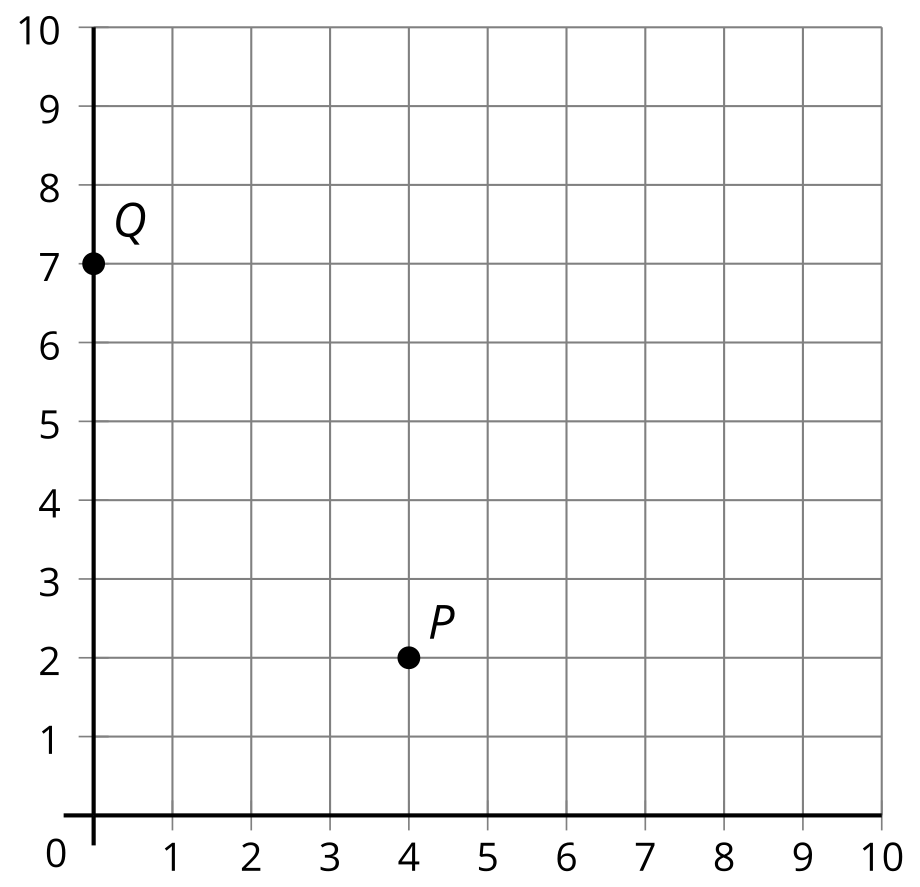
* 

1. Can you plot and accurately? Explain or show your reasoning.

### Section Summary

Section Summary

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



The point is 4 units from the vertical axis and 2 units from the horizontal axis. Its coordinates are . The point 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 .

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



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