## Unit 7 Lesson 3: Plot More Points

### WU Notice and Wonder: Points with Zero (Warm up)

#### Student Task Statement

What do you notice? What do you wonder?



### 1 What’s the Point?

#### Student Task Statement

Partner A

1. Estimate the location of each point.

| * Point
 | * Coordinates
 |
| --- | --- |
| * $A$
 | * $\left(5,1\right)$
 |
| * $B$
 | * $\left(5,2\right)$
 |
| * $C$
 | * $\left(5,3\right)$
 |
| * $D$
 | * $\left(5,4\right)$
 |

* 
1. Plot and label the points on the coordinate grid.
* 
1. What do the points have in common?
2. Plot the point with coordinates $\left(5,0\right)$ on the coordinate grid.

Partner B

1. Estimate the location of each point.

| * Point
 | * Coordinates
 |
| --- | --- |
| * $A$
 | * $\left(4,3\right)$
 |
| * $B$
 | * $\left(5,3\right)$
 |
| * $C$
 | * $\left(6,3\right)$
 |
| * $D$
 | * $\left(7,3\right)$
 |

* 
1. Plot and label the points on the coordinate grid.
* 
1. What do the points have in common?
2. Plot the point with coordinates $\left(0,3\right)$ on the coordinate grid.

### 2 Plotting Points Without a Grid

#### Student Task Statement

1. A point is labeled in the coordinate plane. Plot and label some other points. Explain or show your reasoning.
* 
1. Can you plot $\left(1,0\right)$ and $\left(0,1\right)$ accurately? Explain or show your reasoning.



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