



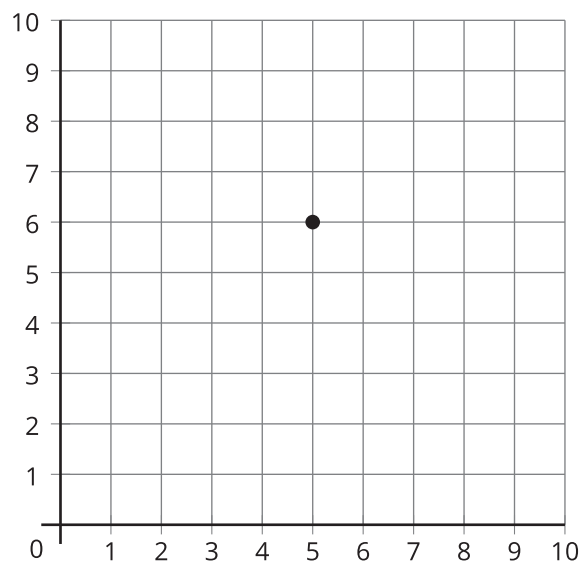
# Points on the Coordinate Grid

Let's plot points on the coordinate grid.

## Warm-up

### Notice and Wonder: A Point

What do you notice? What do you wonder?

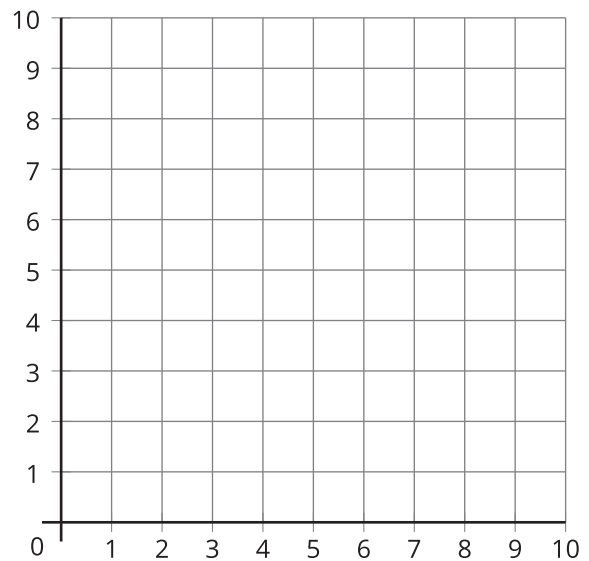
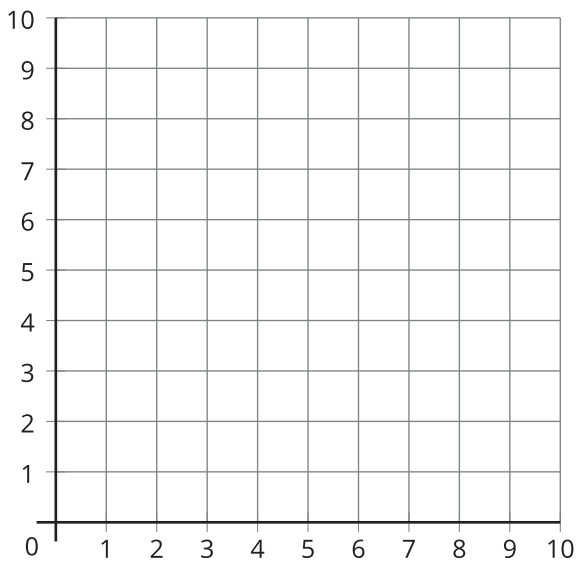


## Activity 1

### What's the Point?

Your teacher will give you a set of cards that show points plotted on coordinate grids.

1. Play 2 rounds of What's the Point? so each partner gets a chance to draw.
  - Sit back to back with your partner.
  - Partner A: Choose a card. Describe the location of the point to your partner.
  - Partner B: Plot the point on the blank coordinate grid.
  - Compare Partner A's card with Partner B's plotted point.
  - Discuss: What's the same? What's different?
  - Switch roles to play a second round.



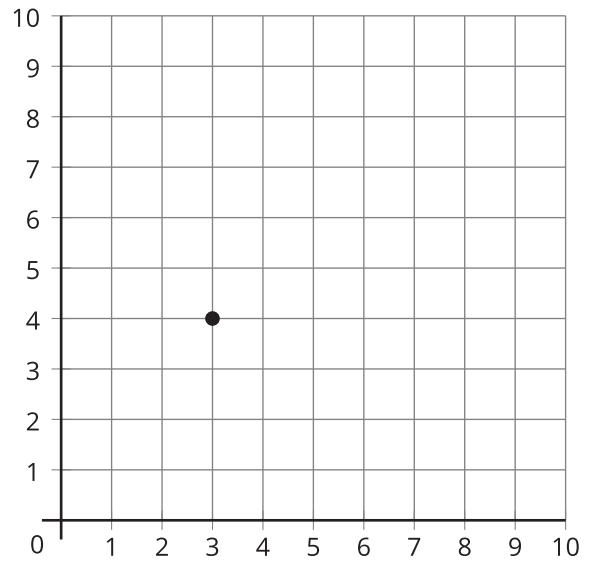
2. Use words to explain the location of the point on this grid.

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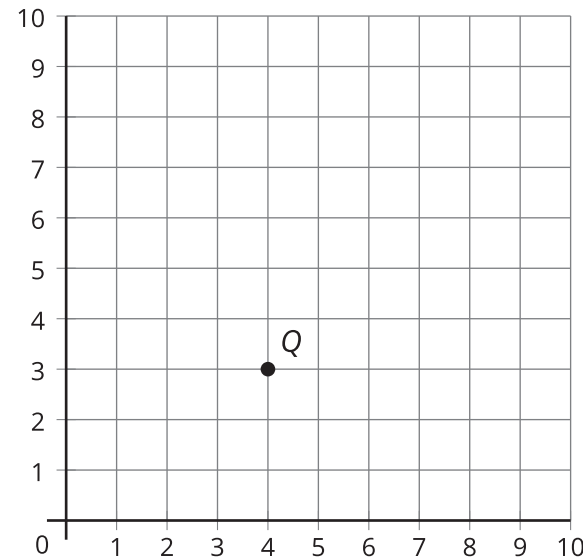
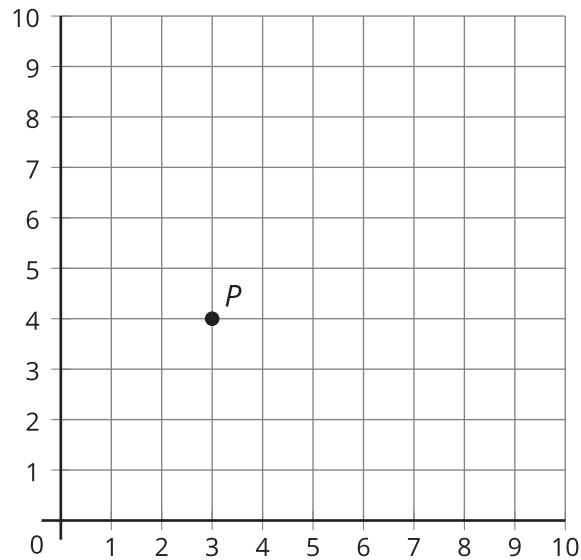
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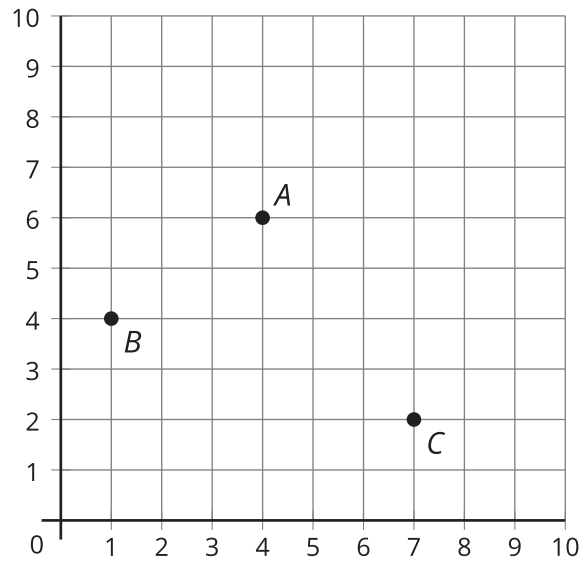
Activity 2

Plot and Label Points

1. What do you notice about point *P* and point *Q*?



2. List the coordinates for each point.



|          | coordinates |
|----------|-------------|
| <i>A</i> | ( __ , __ ) |
| <i>B</i> | ( __ , __ ) |
| <i>C</i> | ( __ , __ ) |
| <i>D</i> | (6, 4)      |
| <i>E</i> | (2, 5)      |
| <i>F</i> | (8, 3)      |

3. Plot and label points *D*, *E*, *F* on the same grid as points *A*, *B*, and *C*.