

Reteaching Page

6.6 Ordered Pairs

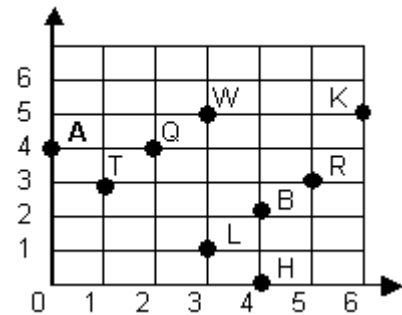
A coordinate plane is formed by horizontal and vertical lines and is used to locate points.

We use an **ordered pair** to name the location of a point. Ordered pairs always use the form (**x** coordinate, **y** coordinate). The ordered pair (2, 4) gives the location of point *Q* on the coordinate plane.

- The first number, 2, tells the horizontal distance (on the **x** axis) from the starting point (0, 0).
- The second number, 4, tells the vertical distance (on the **y** axis).

To find the ordered pair for point *W*;

- First follow the grid line straight **down** to the **x** axis. (3).
- Now follow the grid line straight **across** to the **y** axis (4).
- Ordered pairs are written as (**x**, **y**) so the ordered pair for *W* is (3, 4).



Give the ordered pair for each of these points.

L _____

R _____

B _____

down to the **x** axis _____

down to the **x** axis _____

down to the **x** axis _____

across to the **y** axis _____

across to the **y** axis _____

across to the **y** axis _____

Write the ordered pair as (**x**, **y**)

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To graph (plot) the point for a given ordered pair (4, 3);

- Find the **x** value along the **x** axis. (4).
- Now follow the grid line straight **up** to the **y** axis value of (3).

Graph the point for each of these ordered pairs

1. *K* (2, 4)

- Find the (2) value along the **x** axis.
- Go straight **up** to the **y** axis value of (4)

2. *L* (3, 5)

- Find the (3) value along the **x** axis.
- Go straight **up** to the **y** axis value of (5)

3. *Z* (4, 1)

- Find the (4) value along the **x** axis.
- Go straight **up** to the **y** axis value of (1)

