

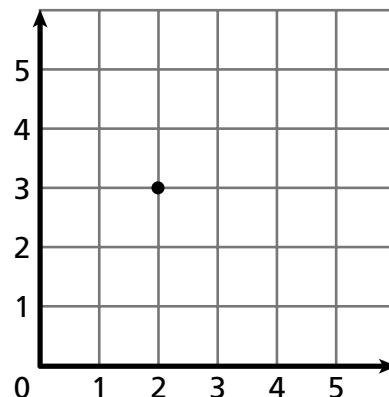


Dear Family,

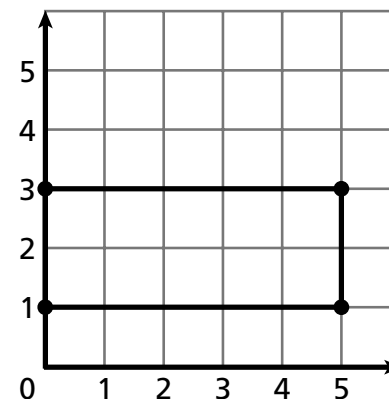
Your child is working on a geometry unit about coordinate grids.

Students first work on grids without number labels. Then they make a map by adding features (places or objects) where two grid lines intersect. They describe routes on the map as up, down, right, and left in blocks or units.

Students then progress to coordinate grids — grids with number labels for each horizontal and vertical line. They describe locations on grids using ordered pairs. For example, this coordinate grid shows the point  $(2, 3)$ . The first number in the ordered pair shows how far to the right the point is from 0. The second number shows how far up the point is from 0.



In the last lesson, students draw triangles and quadrilaterals on coordinate grids. They also use grid lines to measure the length of line segments and to draw rectangles from specific descriptions. The rectangle shown here is a possible response to the following description: The width of the rectangle is 3 units shorter than its length.



If you have any questions or comments, please call or write to me.

Sincerely,  
Your child's teacher