

Lesson 5 Reteach

Graph Ratio Tables

A **coordinate plane** is formed when two number lines intersect at their zero points. This intersection is called the **origin**. The horizontal number line is called the **x-axis**. The vertical number line is called the **y-axis**.

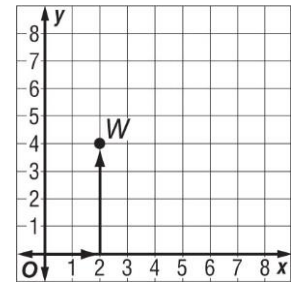
An **ordered pair** is used to name a point on a coordinate plane. The first number in the ordered pair is the **x-coordinate**, and the second number is the **y-coordinate**.

Example 1

Graph the point $W(2, 4)$.

Start at the origin. Move 2 units to the right along the x -axis.

Then move 4 units up to locate the point. Draw a dot and label the point W .



Example 2

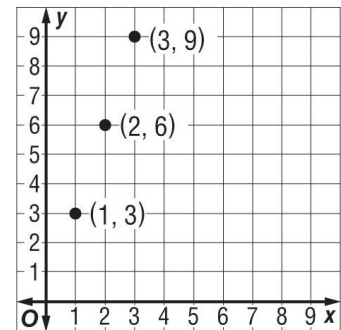
TICKETS Tickets to the school play cost \$3 each. The costs of 1, 2, and 3 tickets are shown in the table. List this information as ordered pairs (number of tickets, cost).

Ticket Costs	
Number of Tickets	Cost (\$)
1	3
2	6
3	9

The ordered pairs are (1, 3), (2, 6), and (3, 9).

Example 3

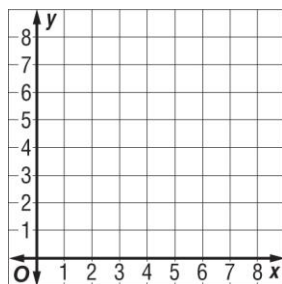
Graph the ordered pairs from Example 2.



Exercises

Graph and label each point on the coordinate plane.

1. $S(1, 3)$



2. $T(4, 0)$

