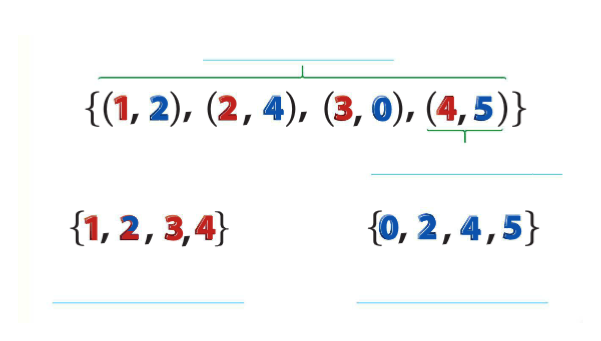
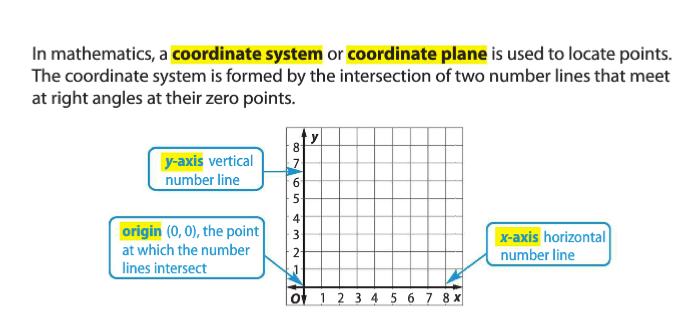
**1-6 Ordered Pairs and Relations**

A set of ordered pairs such as {(1,2) (2,4) (3,0) (4,5)} is a **RELATION**. The **DOMAIN** of the relation is the set of *x*-coordinates. The **RANGE** of the relation is the set of *y*-coordinates.

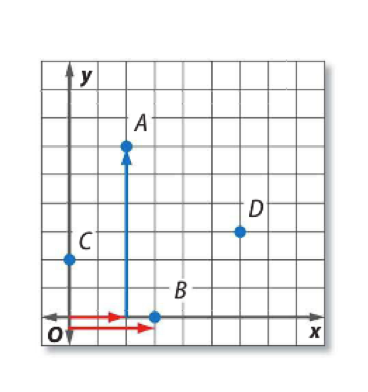
Label the set to the right with

the terms ***domain***, ***ordered pair***,

***range***, and ***relation***.



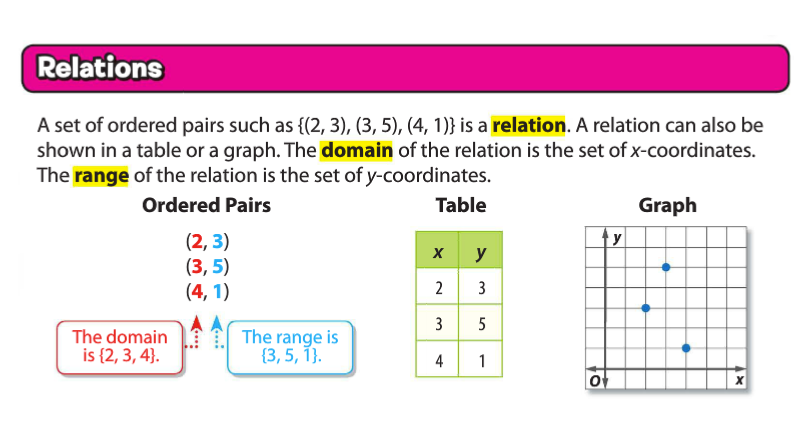
**Graph the points: (3,4), (8,6), (4,3)**



Write the ordered pair that names each point:

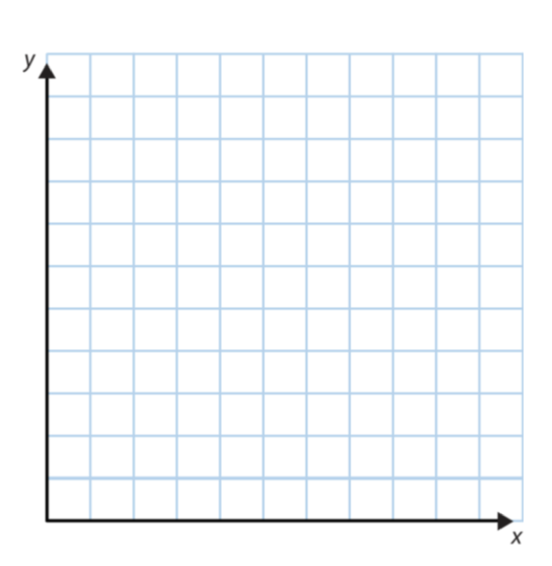
A C

B D



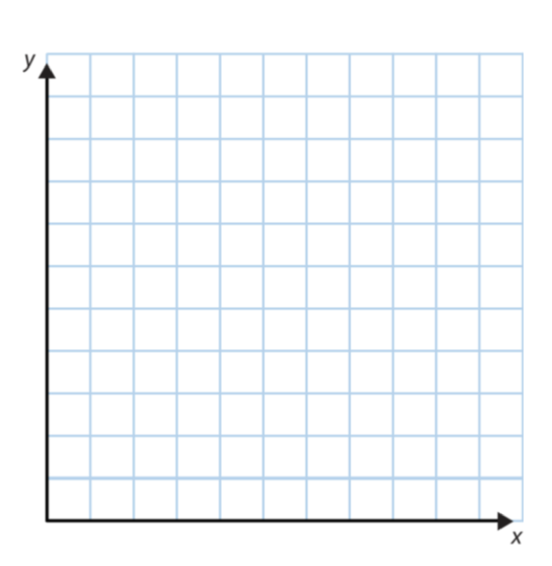
A seahorse swims at a rate of about 5 feet per hour.

A) Make a table of ordered pairs in which the x-coordinate represents the hours and the y-coordinate represents the number of feet for 1, 2, and 4 hours.



B) Graph the ordered pairs and describe the graph.

Mrs. Drown is hiking in a state park. She averages 3 miles per hour.

A) Make a table of ordered pairs in which the x-coordinate represents the number of hours and the y-coordinate represents the number of miles hiked in 1,2,4, and 6 hours.

B) Graph the ordered pairs.