Pre-Algebra

6-1 Relations

The first coordinate in an ordered pair is called the x-coordinate.
The second is called the y-coordinate.

(3, 4)

A set of ordered pairs is a relation.

The x-coordinate is also called the domain.
The y-coordinate is called the range.

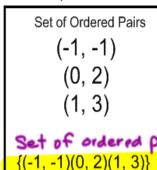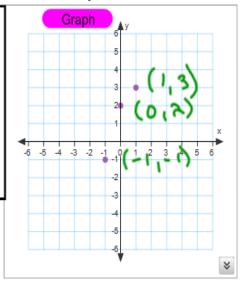You can represent domain and range to determine relation three different ways:

Set of Ordered Pairs	Table	Graph
(-1, -1) (0, 2) (1, 3) Set of ordered pairs {(-1, -1)(0, 2)(1, 3)} ⌐Brackets	X | Y ; -1 | -1 ; 0 | 2 ; 1 | 3	(1, 3) (0, 2) (-1, -1)

D = {-1, 0, 1}
R = {-1, 2, 3}