

Domain and Range Graphic Organizer

Vocabulary

Domain:

Range:

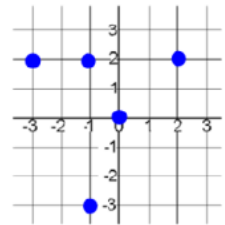
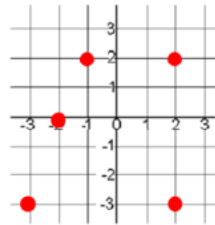
Discrete Relations and Functions

List the elements of the domain in order from least to greatest, with no repeats. Do the same with the range.

$$\{(2,1), (3,-1), (0,1), (2,-1), (3,2), (0,3), (2,3)\}$$

Domain:

Range:

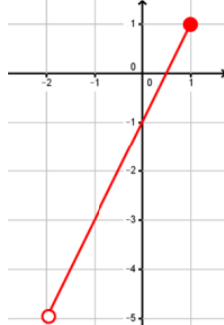
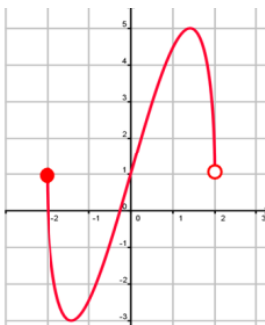
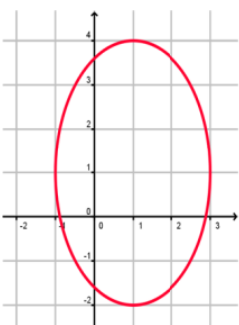


Bounded Relations and Functions

List the elements of the domain and range in interval notation.

Domain Graph clue:

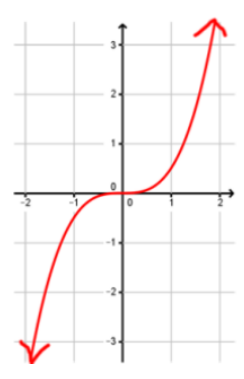
Range Clue:



Unbounded Relations and Functions

List the elements of the domain and range in interval notation.

Infinity Clue:



Functions and Relations Graphic Organizer

Vocabulary

Relation:

Function:

Representations of a Relation

Ordered Pairs:

Graphs:

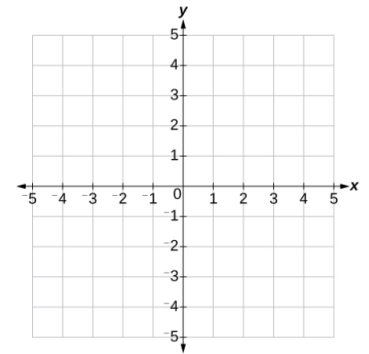


Table of Values:

Mapping Diagram:

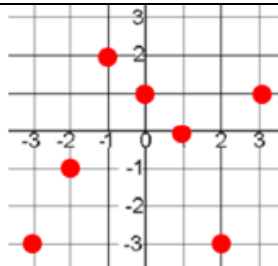
Example 1: Function or Relation Only?

$\{(-1,2), (0,3), (1,2), (3,1), (2,0)\}$

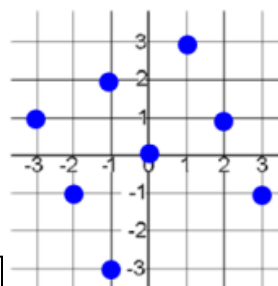
$\{(2,-1), (3,0), (2,1), (-3,1), (1,0)\}$

x	y	x	y
-1	0	-1	0
2	2	2	3
0	1	0	1
-3	2	-3	2
1	0	-1	3

$f(-2) =$

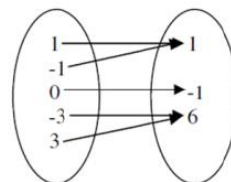
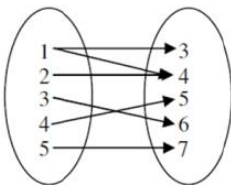


$f(4) =$



$f(0) =$

$f(\quad) = 3$



Example 2: Vertical Line Test

Description:

