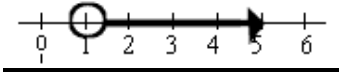
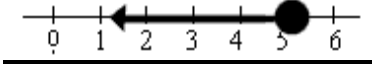
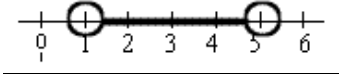
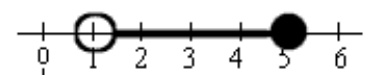
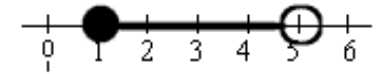


I can identify domain and range. I can identify functions and one-to-one functions.

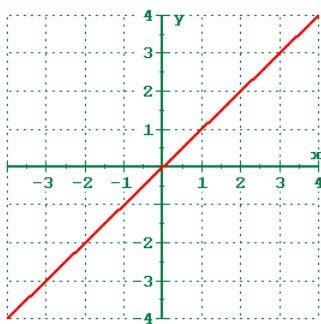
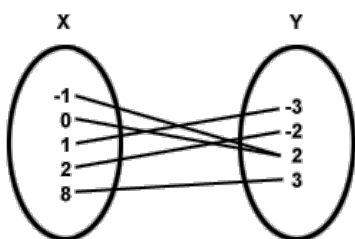
Interval Notation:

	<u>Inequality</u>	<u>Interval Notation</u>
		
		
		
		
		

Function:

A relation in which each domain (_____ or _____) is paired with *exactly one* range (_____ or _____).

Functions



x	y
-2	-2
-1	2
0	6
1	10
2	14

Domain: _____

Range: _____

Domain: _____

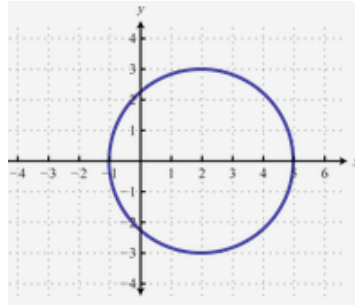
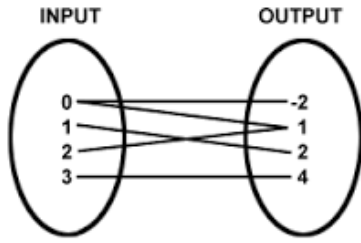
Range: _____

Domain: _____

Range: _____

I can identify domain and range. I can identify functions and one-to-one functions.

Not functions



X	Y
1	2
2	4
1	5
3	8
4	4
5	10

Domain:

Range:

Domain:

Range:

Domain:

Range:

Vertical Line Test:

One-to-One Function:

Horizontal Line Test:

I can identify domain and range. I can identify functions and one-to-one functions.

Determine whether each relation is a function. If it is a function, is it one-to-one? Then state the domain and range.

Domain

Range

Function? One-to-one?

Domain: _____

Range: _____

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

Function? One-to-one?

Domain: _____

Range: _____

$\{(-3, 4), (-2, 4), (-1, -1), (3, -1)\}$

Function? One-to-one?

Domain: _____

Range: _____

Function? One-to-one?

Domain: _____

Range: _____

Function? One-to-one?

Domain: _____

Range: _____

Function? One-to-one?

Domain: _____

Range: _____

I can identify domain and range. I can identify functions and one-to-one functions.

Function notation

Find each value if $f(x) = 2x - 1$ and $g(x) = 2 - x^2$.

1. $f(0)$

2. $f(-3)$

3. $g(4)$

4. $g(-1)$