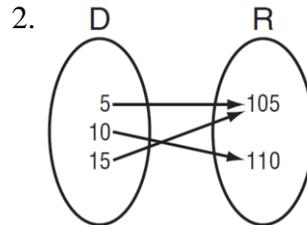
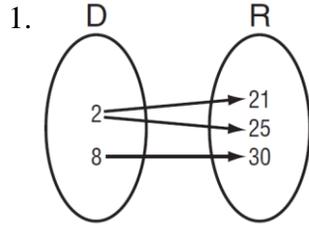


Name: _____

Period: _____

SM2H 1.1 Functions Homework 2019-20**Decide whether each relation is a function. Then write the relation as a set of ordered pairs.**

3.

x	y
-3	0
-1	-1
0	0
2	-2
3	4

Determine whether each relation is a function. Then find the domain and range.

4. $\{(3, -6), (-2, 4), (7, 4), (-8, 3)\}$

Function:

D:

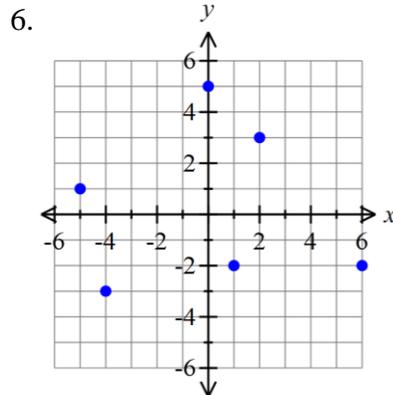
R:

5. $\{(2, 1), (3, 2), (4, 5), (3, -1)\}$

Function:

D:

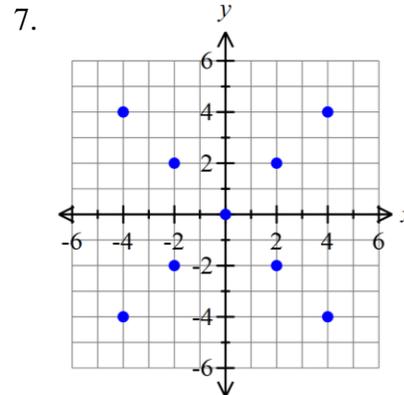
R:

Determine whether each graph represents a function. Then find the domain and range.

Function:

D:

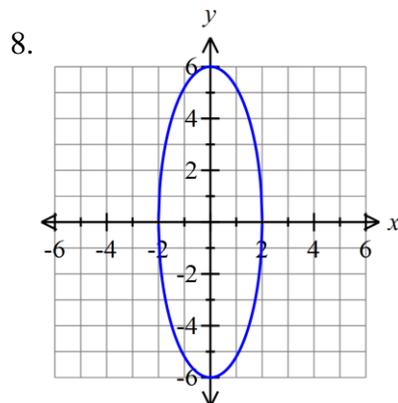
R:



Function:

D:

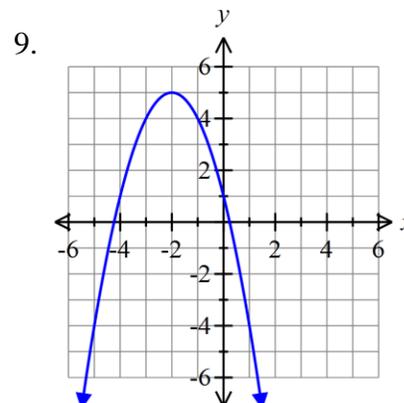
R:



Function:

D:

R:

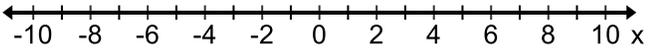
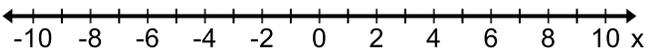
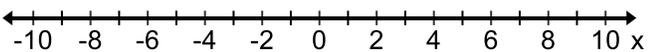
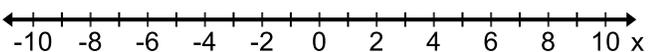
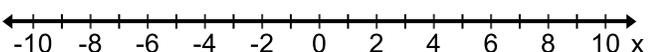
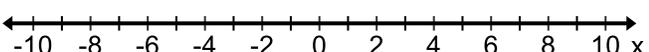
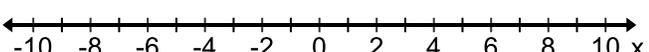


Function:

D:

R:

Complete the following table.

	Inequality	Graph	Interval Notation
31.			$(-\infty, 5)$
32.			
33.	$x > -6$		
34.			$[-7, \infty)$
35	$-5 < x \leq 6$		
36.			$[-2, 9)$
37.	$x \leq -3$ or $x > 8$		
38.			$(-\infty, 1] \cup (3, \infty)$