

NAME _____

DATE _____

FUNCTIONS: Worksheet 1

Determine whether each relation is a function (yes or no).

1)

x	y
-4	5
-1	-11
0	-9
1	-8
6	3

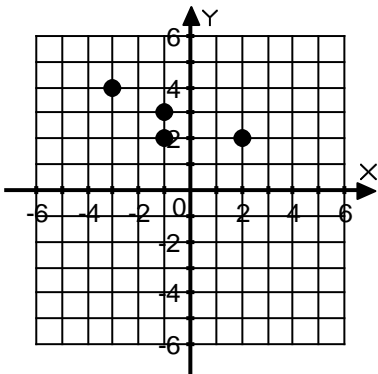
2)

x	y
2	7
5	-3
3	-5
-4	2
5	2

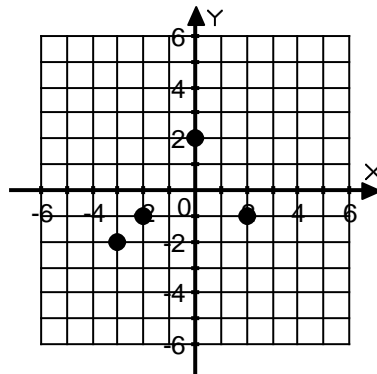
3) $\{(2,5), (5,2), (0,2)\}$

4) $\{(3,7), (0,-2), (3,-4)\}$

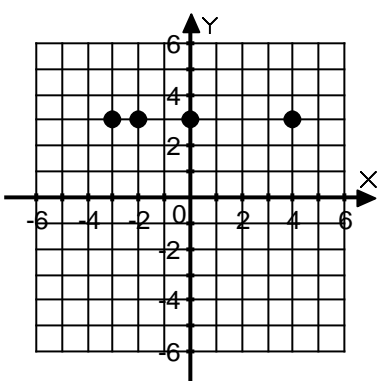
5)



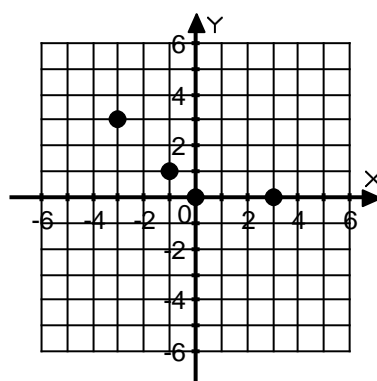
6)



7)



8)



Name the domain (D) and range (R) of each.

9) $\{(5,0), (3,-4), (0,2)\}$

10) $\{(3,-1), (-1,3), (-1,4)\}$

KEY

FUNCTIONS: Worksheet 1

Determine whether each relation is a function (yes or no).

1) *yes*

x	y
-4	5
-1	-11
0	-9
1	-8
6	3

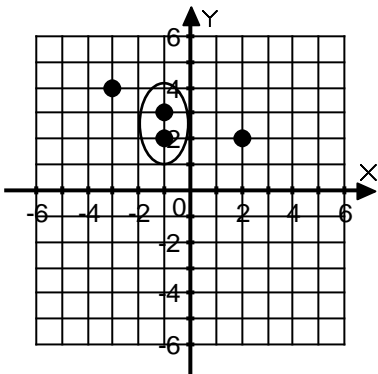
2) *no*

x	y
2	7
5	-3
3	-5
-4	2
5	2

3) $\{(2,5), (5,2), (0,2)\}$ *yes*

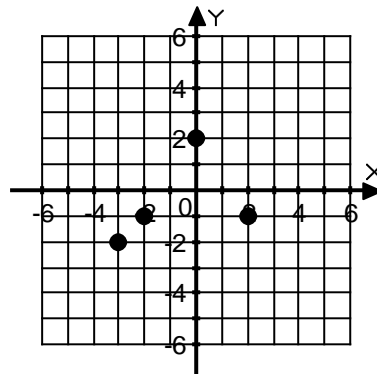
4) $\{(3,7), (0,-2), (3,-4)\}$ *no*

5)



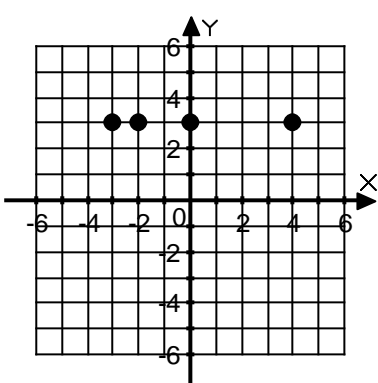
no

6)



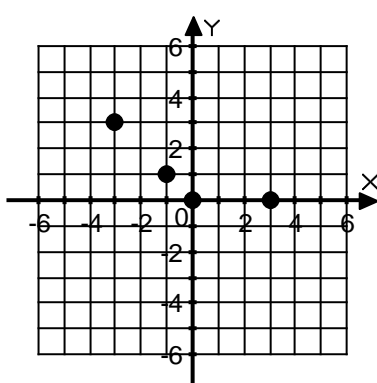
yes

7)



yes

8)



yes

Name the domain (D) and range (R) of each.

9) $\{(5,0), (3,-4), (0,2)\}$ $D = \{0,3,5\}$ $R = \{-4,0,2\}$

10) $\{(3,-1), (-1,3), (-1,4)\}$ $D = \{-1,3\}$ $R = \{-1,3,4\}$