

NAME _____

DATE _____

FUNCTIONS: Worksheet 2

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

1)

x	y
0	-6
3	-2
-1	4
-1	-4
4	2

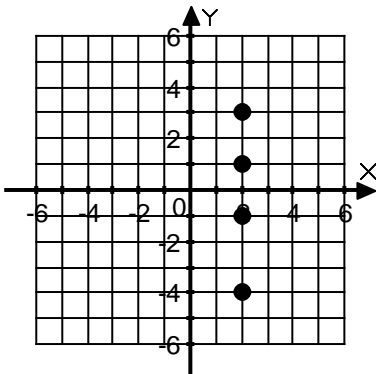
2)

x	y
8	3
6	3
2	0
-2	-2
-5	-6

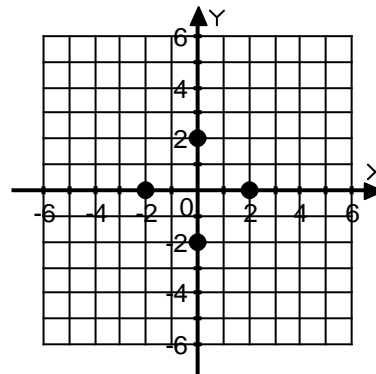
3) $\{(4,0), (3,-2), (0,-2)\}$

4) $\{(0,1), (1,0), (0,0)\}$

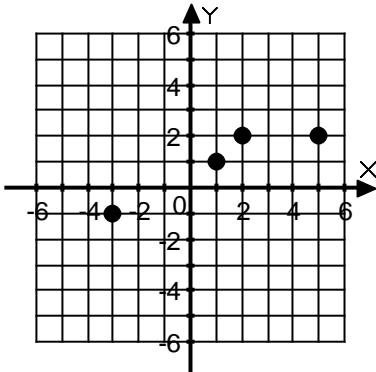
5)



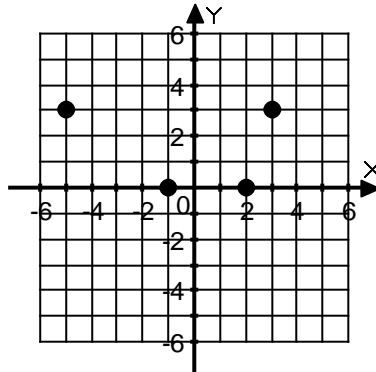
6)



7)



8)



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

9) $\{(1,1), (2,4), (-3,9)\}$

10) $\{(-1,4), (0,1), (8,1)\}$

KEY

FUNCTIONS: Worksheet 2

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

1) *no*

x	y
0	-6
3	-2
-1	4
-1	-4
4	2

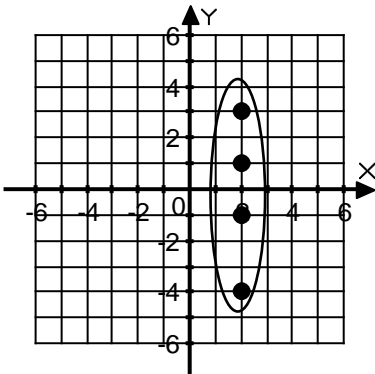
2) *yes*

x	y
8	3
6	3
2	0
-2	-2
-5	-6

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

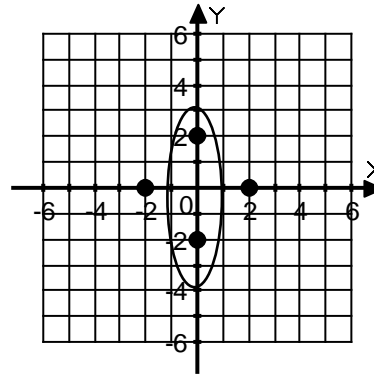
4) $\{(0,1), (1,0), (0,0)\}$ *no*

5)



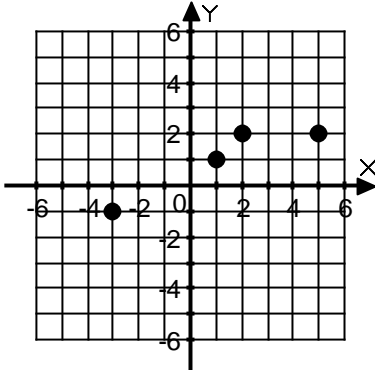
no

6)



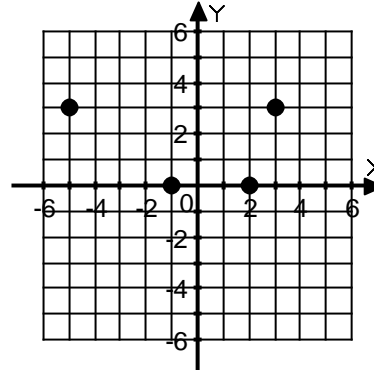
no

7)



yes

8)



yes

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

9) $\{(1,1), (2,4), (-3,9)\}$ $D = \{-3,1,2\}$ $R = \{1,4,9\}$

10) $\{(-1,4), (0,1), (8,1)\}$ $D = \{-1,0,8\}$ $R = \{1,4\}$