

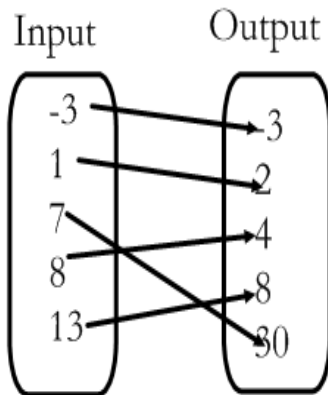
Non-Linear Functions Extra Practice

Name: _____

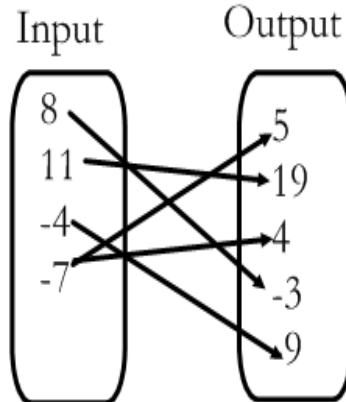
Part A: Determining Function with Tables and Mappings

Determine if each relation below is a function.

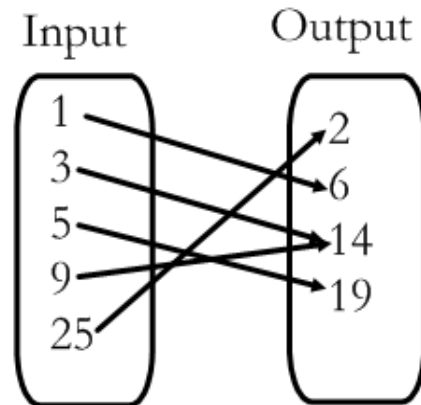
1.
Function: Y N



2.
Function: Y N



3.
Function: Y N



4.
Function: Y N

x	y
-7	9
-3	11
-1	-8
6	8
-3	19
-9	-10

5.
Function: Y N

x	y
-6	13
-4	18
-2	25
0	34
2	45
4	58

6.
Function: Y N

x	y
3	18
8	11
11	4
7	-6
2	18
-1	21

7.

Function: Y N

$$\{(3,4), (4,-6), (5,-7), (3,2), (-2,5)\}$$

8.

Function: Y N

$$\{(-4,6), (-3,2), (1,0), (7,6), (8,2)\}$$

9.

Function: Y N

$$\{(-3,4), (-2,5), (0,0), (-2,5), (4,8)\}$$

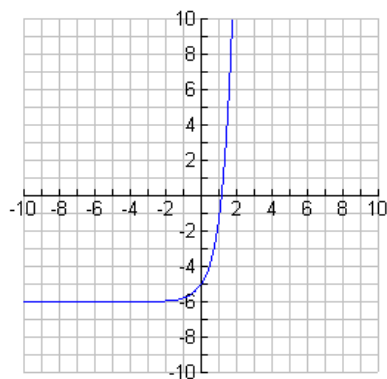
10. Is a person's weight a function of their height? Why?

11. Is the height of a rocket a function of time? Why?

Determine if each graph is a function.

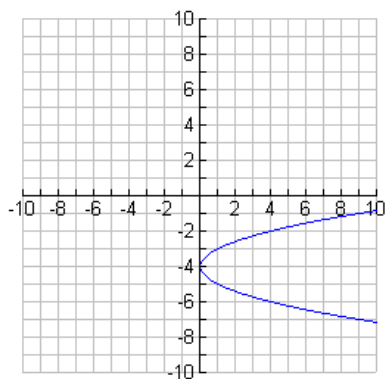
12.

Function: Y N



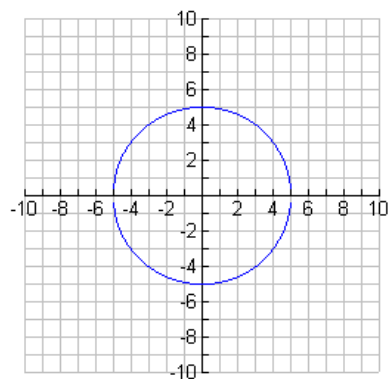
13.

Function: Y N

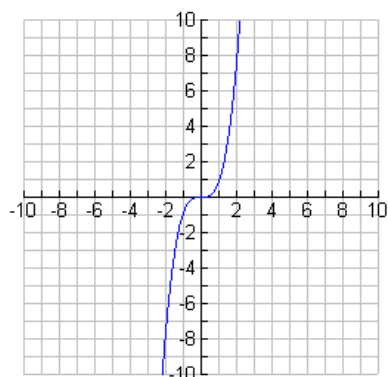


14.

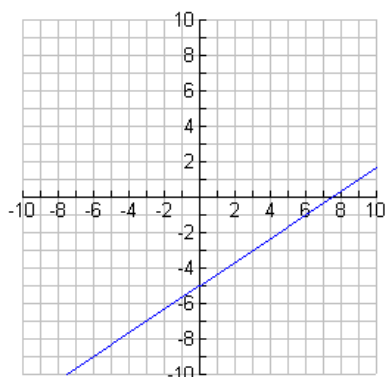
Function: Y N



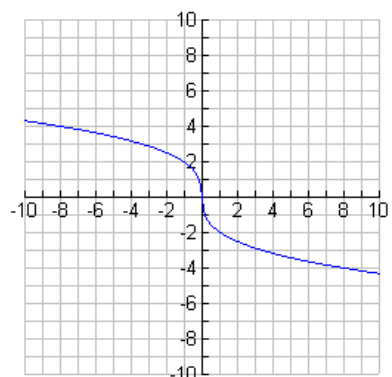
15.
Function: Y N



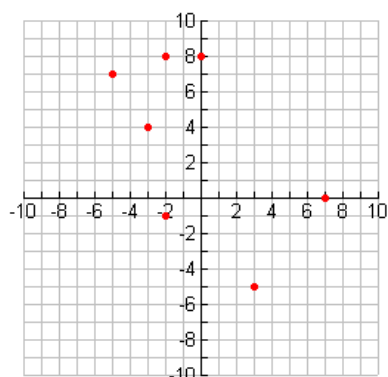
16.
Function: Y N



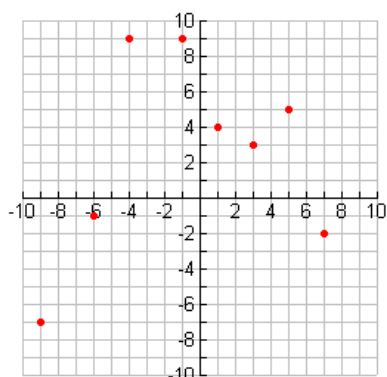
17.
Function: Y N



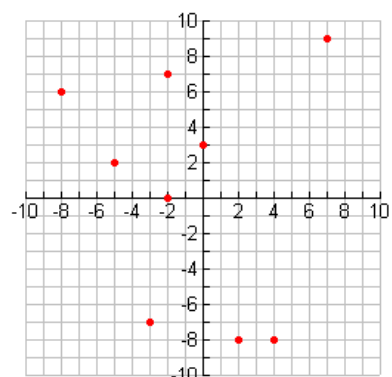
18.
Function: Y N



19.
Function: Y N

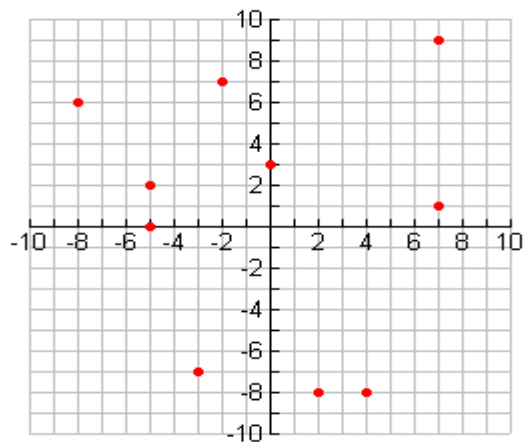


20.
Function: Y N



The following are not functions. Circle the part that keeps the graph from being a function.

21.



22.

