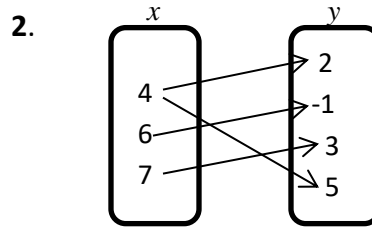
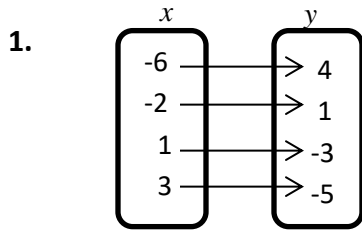




Sec 1H Unit 5 Day 1 What is a Function? Assignment

Determine whether each relation is a function. Answer yes or no and tell why or why not.

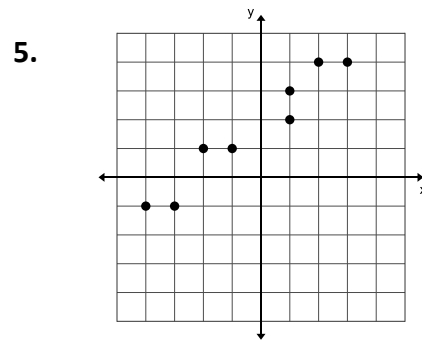


3.

x	y
4	-5
-1	-10
0	-9
1	-7
9	1

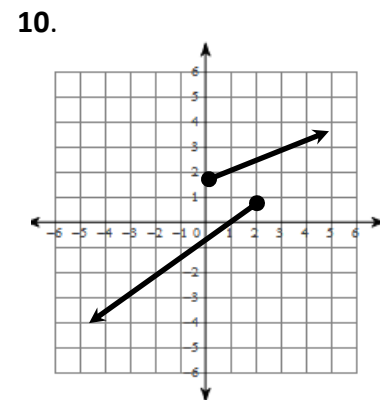
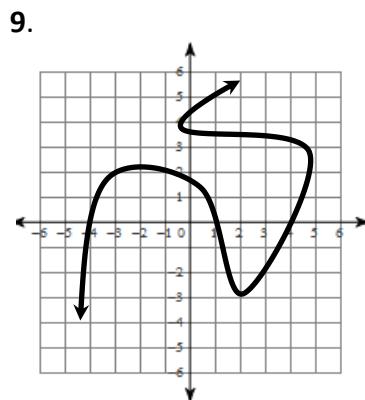
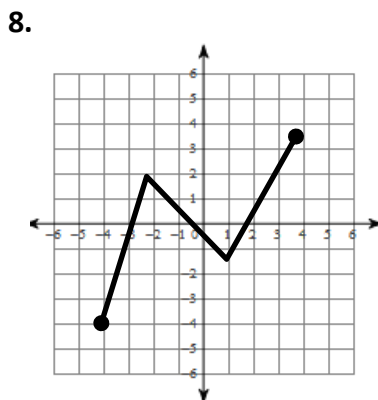
4.

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



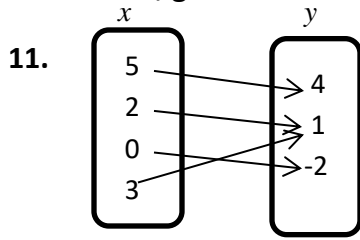
6. $\{(2, 5), (4, -2), (3, 3), (5, 4), (-2, 5)\}$

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



The person who does the work is the only one who learns.

For #11-19, give the domain and range for each relationship. Then tell whether it is a function.



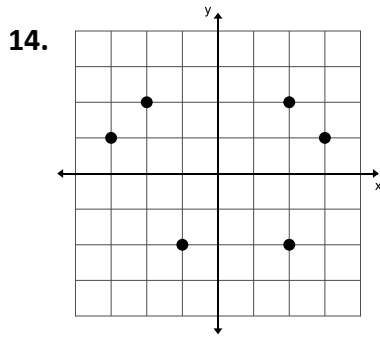
Domain:
Range:
Function (Y/N):

12.

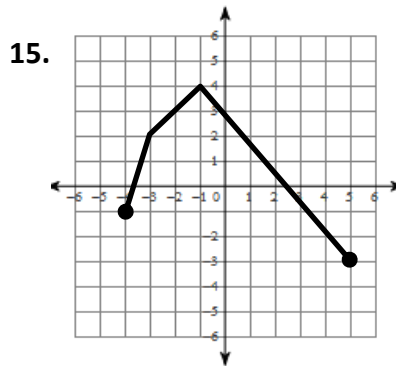
x	y
3	7
-1	1
1	0
3	5
7	3

Domain:
Range:
Function (Y/N):

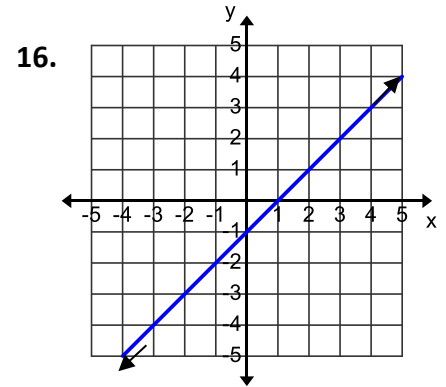
13. $\{(6,-1), (-4, 2), (5,2), (4,6), (6,5)\}$
Domain:
Range:
Function (Y/N):



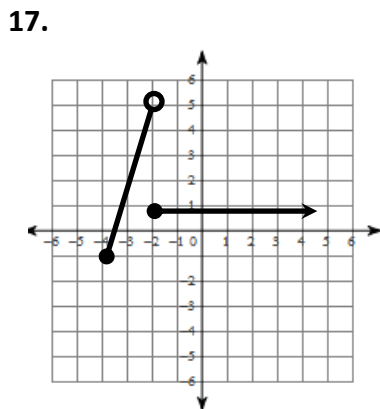
Domain:
Range:
Function (Y/N):



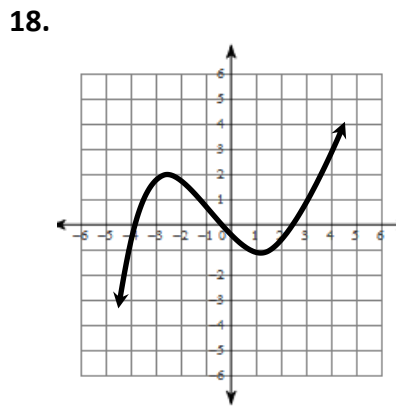
Domain:
Range:
Function (Y/N):



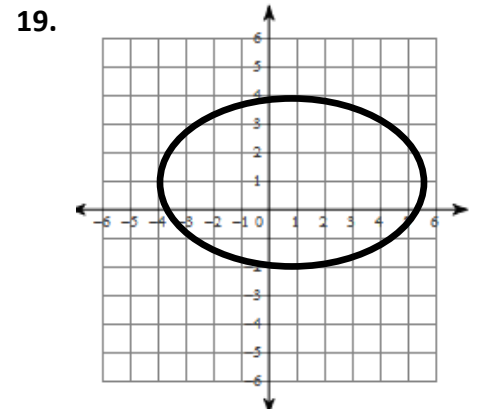
Domain:
Range:
Function (Y/N):



Domain:
Range:
Function (Y/N):



Domain:
Range:
Function (Y/N):



Domain:
Range:
Function (Y/N):

If $f(x) = 3x + 2$ and $g(x) = x^2 - x$, find each value.

20. $f(4)$ 21. $g(-2)$ 22. $f(2) + 1$ 23. $g(2) + f(5)$