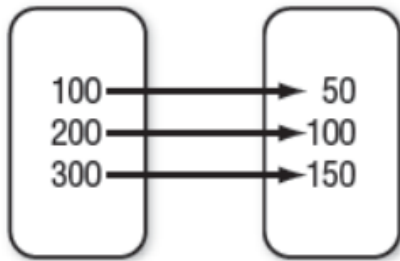


Unti 2 (2.2) Alg 2: Functions, Domain, and Range Practice

- State the domain and range for each.
- Determine if the following are functions, if it is not a function, explain why.

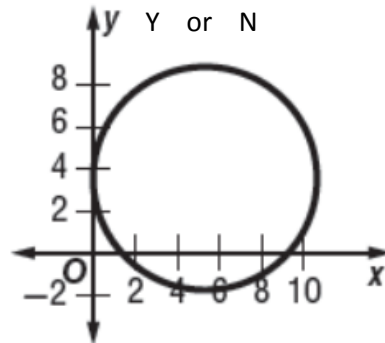
1. Function?

Y or N



2. Function?

Y or N



3. Function?

Y or N

x	y
1	2
2	4
3	6

4. Function?

Y or N

(-5,6) (-10,7) (3,8) (5,6) (-5,7)

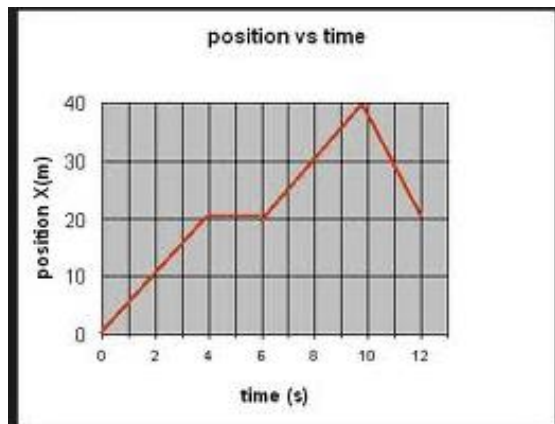
5. $y = x^3 + 2x^2 - 1$

Function?

Y or N

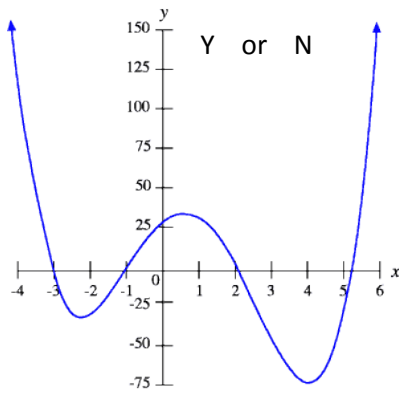
6. Function?

Y or N



7.

Function?



8.

Function?

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

Y or N

Find each value if $f(x) = 2x - 1$ and $g(x) = 2 - x^2$

9. $f(0)$

10. $f(-3)$

11. $g(4)$

12. $g(-1)$

13. $f(g(-5))$

14. $g(f(5))$

15. $f(f(14))$