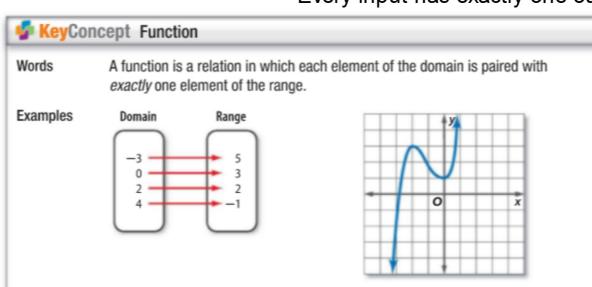
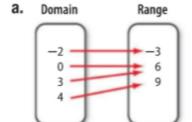
Algebra 1 1.7
Determine whether a relation is a function.
Find function values
relation
function
discrete
continuous
vetical line test

Every input has exactly one output!



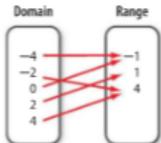


b.	Domain	1	3	5	1
	Range	4	2	4	-4

Table	Mapping	Equation	Graph	
x y -2 1 0 -1 2 1	Domain Range -2 0 2	$f(x) = \frac{1}{2}x^2 - 1$	y y	

Determine whether each relation is a function. Explain.





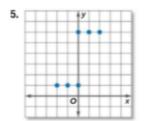
2.

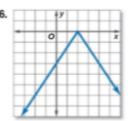
Domain	Range
2	6
5	7
6	9
6	9

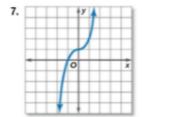
4.
$$y = \frac{1}{2}x - 6$$

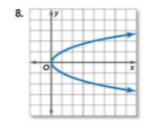
4.
$$y = \frac{1}{2}x - 6$$

 $y = mx + B$









If f(x) = -2x - 3 and $g(x) = x^2 + 5x$, find each value. 33. f(-1) 34. f(6) 35. g(2) 36. g(-3) 37. g(-2) + 2 38. f(0) - 3

$$9(x)=(2)(2)+5(2)$$
= 4+10

