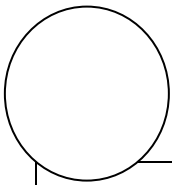


Function Tables

*



Domain	Range
x value input independent variable	y value output dependent variable

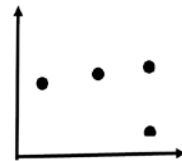
*

What is not a function?

- 1) Two of the same x value
- 2) Vertical lines and points (vertical line test)



Function



Not a Function

Find the domain and range and determine if each is a function

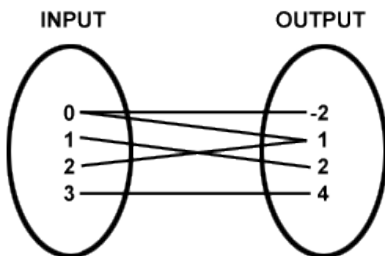
Ex1)

Input	0	1	2	4
Output	5	2	2	1

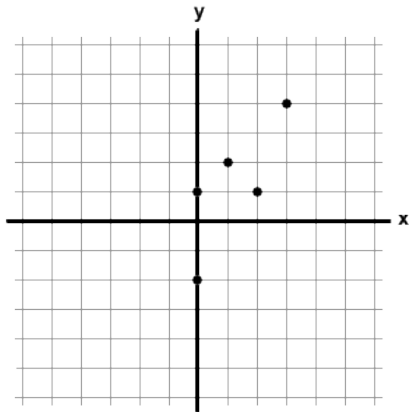
Ex2)

Input	1	3	4	4
Output	2	8	10	12

Ex3)



Ex4)



Make a table for each function

Ex5) $y = 2x - 1$

Domain: { 1, 2, 3, 4, and 5 }

x	1	2	3	4	5
$2x - 1$					

Ex6) $y = \frac{1}{2}x + 10$

Domain: { 2, 4, 6, 8, and 10 }

x	2	4	6	8	10
$\frac{1}{2}x + 10$					