

FUNCTIONS

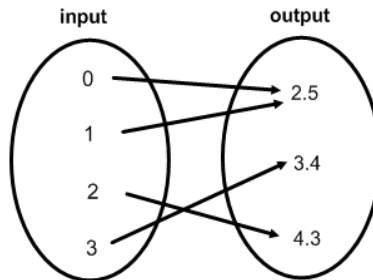
Worksheet 1

Tell whether each pairing is a function. If no, state why not.

1.

x	y
3	8
4	8
5	8
6	8

2.



3.

x	y
2	8
4	9
4	10
6	12

Write a rule for each function.

4.

x	y
3	1
5	5
7	9
9	13

5.

x	y
20	13
16	11
12	9
8	7

6.

x	y
0	1
1	4
2	7
3	10

7.

x	y
4	2
8	3
12	4
16	5

8.

x	y
0	0
2	12
4	24
6	36

9.

x	y
10	0
15	1
20	2
25	3

Make a table for each function and identify the range.

10. $y = 2x + 7$

Domain: 0, 3, 6, 9, 12

11. $y = \frac{1}{3}x - 4$

Domain: 18, 24, 30, 36

12. $y = 4x - 1$

Domain: 0, 1, 2, 3, 4, 5

13. $y = x + 9$

Domain: 2, 3, 4, 5, 6

Make a table and graph the function.

14. $y = 3x + 5$

