

Objective 3 Unit 13 Remediation

-to be able to identify the domain and range of a relation given ordered pairs or a table.

Domain- is the set of the first coordinates in a set of ordered pairs of a relation or function(usually the x coordinate)

- All possible input values

Range- is the set of the second coordinates in a set of ordered pairs of a relation or function (usually the y- coordinate)

- All possible output values

Example 1

x	y
3	2
5	2
7	3
8	4
9	5

Domain: {3,5,7,8,9}

Range:{2,3,4,5}

Example 2

Time min.	4	6	7
Distance feet	23	27	28

Domain: {4,6,7}

Range: {23,27,28}

Determine the Domain and Range of each set of data.

1. $\{(4,3), (-2,10), (5,6), (10, 7)\}$

2. $\{(-3,-6),(-5,10), (-1,2), (0,0)\}$

3. $\{(2,7), (3,7), (5,7),(6,7)\}$

4. $\{(7,2),(7,3),(7,4), (7,5)\}$

5.

x	y
-5	3
6	5
3	2
10	3

6.

x	-7	8	9	6	0
y	4	12	12	13	14

7.

#of days	0	1	2	3	4
hours	0	5	10	15	20