

Domain, Range and Linear Functions

Relation - a set of ordered pairs

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

Function - a relation where all of the x -values are different

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

$$\{(2, 4), (-3, 1), (4, 0), (2, -3)\}$$

Domain - the x values

Range - the y values

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

$$\{(2, 4), (-3, 1), (4, 0), (2, -3)\}$$

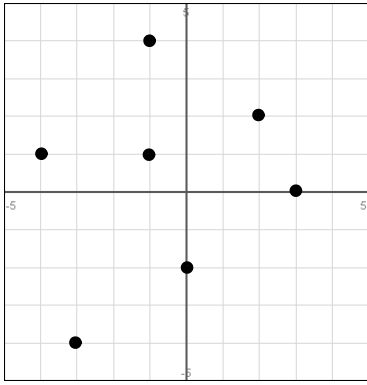
1. Identify the domain and range of each relation. Determine if each relation represents a function.

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

b)

x	1	3	3	7
y	-2	-7	0	-2

c)



2. Complete each ordered pair so that it is a solution to $3x - 2y = 10$.

a) $(2, ?)$

b) $(?, 4)$