

Exercise 1

Functions

1) What is the value of m , when $(m, -3) = (-1, -3)$?

a. -1 b. 1 c. 3 d. -3

2) What is the value of x , when $(2x, 5) = (-8, 5)$?

a. 4 b. -4 c. -8 d. 8

3) What is the value of y , when $(-1, 2) = (-1, 2y - 1)$?

a. 2 b. -2 c. 1.5 d. -1.5

4) If $(2x, 3) = (6, y)$ then $x + y = ?$

a. 6 b. -6 c. 9 d. -9

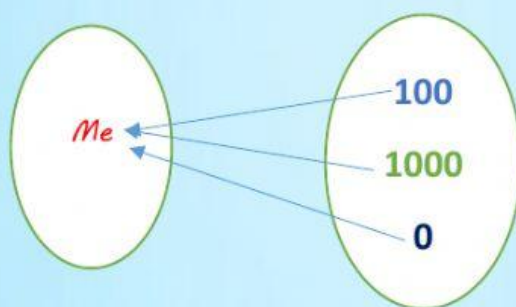
5) Is set B a functions? When $B = \{(1,0), (3,0), (4,0)\}$

a. Yes b. No

6) Is set X a functions? When $X = \{(1,1), (-1,1), (1,1)\}$

a. Yes b. No

7) Is the picture below a function?



a. Yes b. no

8) Is $y = 2x - 1$ is a function?

a. Yes b. no