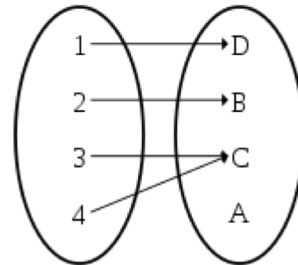


$$f(2) = 9$$

$$f(x) = -x^2 + 5$$

$$f(2) = 1$$

This relation is not a function.



This relation is a function.

This function is linear

x	y
2	-2
4	1
8	4
16	7

This function is non-linear.

I would rather make a mapping diagram.

$(0, -3)$ $(-1, 5)$ $(4, -3)$ $(0, 0)$
 $(-3, 2)$ $(-4, 1)$ $(2, -3)$

I would rather make a table.