

# Table of Values

Feb 12, 2024

Input: The x value

↳ What we "put" (substitute) into the equation.

Output: The y value

↳ What we "get out" (solve) from the equation.

Steps:

1) Make a Table

↳ Input (x column)

↳ Output (y column)

2) Substitute your x value into the expression

3) Solve for y using BEDMAS (Show all work)

Example: Create a Table of Values for  $y = 2x - 4$

Input (x)	Output $y = 2x - 4$	(y)
0	$y = 2x - 4 = 2(0) - 4 = 0 - 4 = -4$	-4
1	$y = 2x - 4 = 2(1) - 4 = 2 - 4 = -2$	-2
2	$y = 2x - 4 = 2(2) - 4 = 4 - 4 = 0$	0
3	$y = 2x - 4 = 2(3) - 4 = 6 - 4 = 2$	2
4	$y = 2x - 4 = 2(4) - 4 = 8 - 4 = 4$	4
5	$y = 2x - 4 = 2(5) - 4 = 10 - 4 = 6$	6