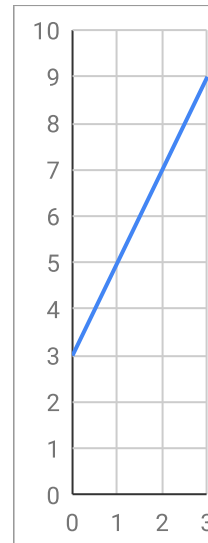


$$f(x) = a \cdot x + b$$

Exemplos

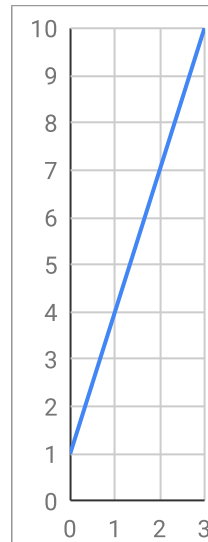
a) $y = 2x + 3$

x	y
0	3
1	5
2	7
3	9



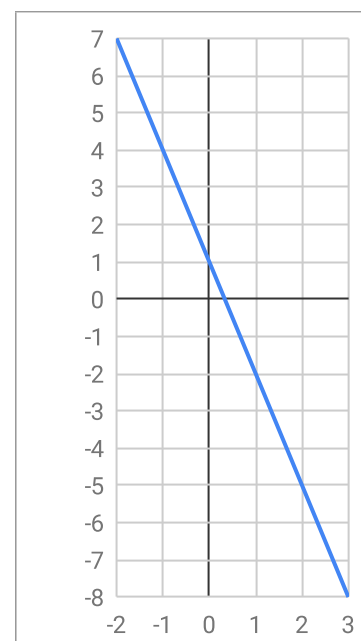
b) $y = 3x + 1$

x	y
0	1
1	4
2	7
3	10



c) $y = -3x + 1$

x	y
-2	7
-1	4
0	1
1	-2
2	-5
3	-8



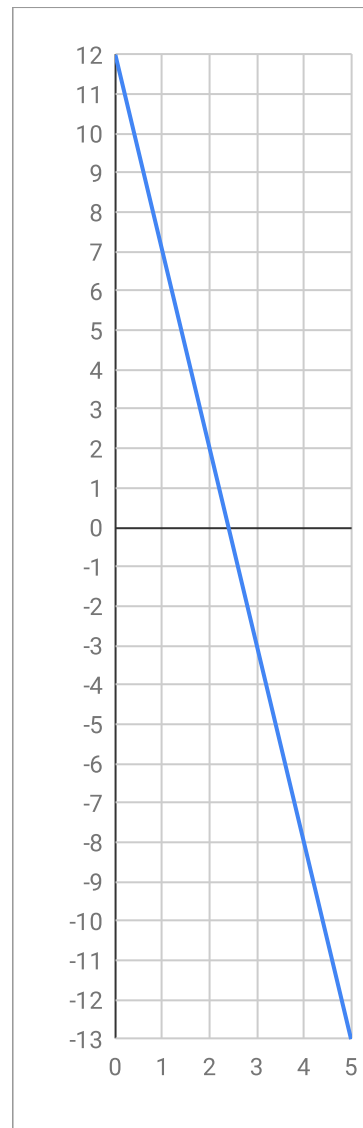
α = ângulo

$\alpha < 90^\circ$ Função Crescente

$\alpha > 90^\circ$ Função Decrescente

d) $y = -5x + 12$

x	y
0	12
1	7
2	2
3	-3
4	-8
5	-13



Para a função de 1º Grau:

a = coeficiente angular

b = coeficiente linear

Se $a > 0$ A função é crescente.

Se $b < 0$ A função é decrescente.