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**Nombre del profesor: Jorge Enrique
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Nombre del trabajo: ejercicios

Materia: calculo

Grado: "3"

Grupo: "A"

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$$f(x) = 2x + 8$$

x	3	2	1	0	-1	-2	-3
f(x)	-14	-12	-10	-8	-6	-4	-2

$$f(3) = 2(3) + 8 \quad f(0) = 8$$

$$f(3) = 6 + 8$$

$$f(-1) = 2(-1) + 8$$

$$f(3) = 14$$

$$f(-1) = 2 + 8$$

$$f(2) = 2(2) + 8 \quad f(-1) = 6$$

$$f(2) = 4 + 8$$

$$f(-2) = 2(-2) + 8$$

$$f(2) = 12$$

$$f(-2) = 4 - 8$$

$$f(1) = 2(1) + 8 \quad f(-2) = 4$$

$$f(1) = 2 + 8$$

$$f(-3) = 2(-3) + 8$$

$$f(1) = 10$$

$$f(-3) = 6 - 8$$

$$f(0) = 2(0) + 8 \quad f(-3) = 2$$

$$f(0) = 0 + 8$$

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$$f(x) = 4 - 8x$$

x	3	2	1	0	-1	-2	-3
f(x)	-12	-8	-4	0	4	8	12

$$f(3) = 4 - 8(3) \quad f(0) = 0$$

$$f(3) = 4(3)$$

$$f(-1) = 4 - 8(-1)$$

$$f(3) = -12$$

$$f(-1) = 4(-1)$$

$$f(2) = 4 - 8(2) \quad f(1) = 4$$

$$f(2) = 4(2)$$

$$f(-2) = 4 - 8(-2)$$

$$f(2) = -8$$

$$f(-2) = 4(-2)$$

$$f(1) = 4 - 8(1) \quad f(-2) = 8$$

$$f(1) = 4(1)$$

$$f(-3) = 4 - 8(-3)$$

$$f(1) = -4$$

$$f(-3) = 4(-3)$$

$$f(0) = 4 - 8(0) \quad f(-3) = 12$$

$$f(0) = 4(0)$$

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$$f(x) = x^2 - 8$$

x	3	2	1	0	-1	-2	-3
f(x)	-1	-4	-7	-8	-7	-4	-1

$$f(3) = (3)^2 - 8 \quad f(0) = -8$$

$$f(3) = 9 - 8$$

$$f(3) = -1$$

$$f(-1) = (-1)^2 - 8$$

$$f(-1) = 1 - 8$$

$$f(2) = (2)^2 - 8 \quad f(-1) = 4$$

$$f(2) = 4 - 8$$

$$f(2) = -4$$

$$f(-2) = (-2)^2 - 8$$

$$f(-2) = 4 - 8$$

$$f(1) = (1)^2 - 8 \quad f(-2) = 4$$

$$f(1) = 1 - 8$$

$$f(1) = -7$$

$$f(-3) = (-3)^2 - 8$$

$$f(-3) = 9 - 8$$

$$f(0) = (0)^2 - 8 \quad f(-3) = 1$$

$$f(0) = 0 - 8$$

$$h(0) = 0 + 8$$

$$h(0) = g(0) + 8$$

$$h(1) = 10$$

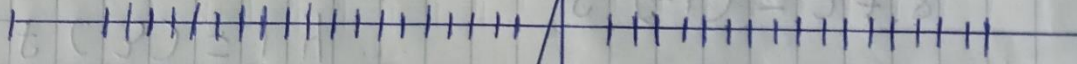
$$h(1) = g + 8$$

$$h(1) = g(1) + 8$$

$$h(5) = 18$$

$$h(5) = 14 + 8$$

$$h(5) = g(5) + 8$$



$$h(3) = 9 + 8$$

$$h(3) = g(3) + 8$$

$$h(2) = 10 + 8$$

$$h(x) = 3x + 8$$

$$h(-3) = 9$$

$$h(-3) = 9 - 8$$

$$h(-3) = g(-3) + 8$$

$$h(-5) = 14$$

$$h(-5) = 11 - 8$$

$$h(-5) = g(-5) + 8$$

$$h(-1) = 9$$

$$h(-1) = 9 + 8$$

$$h(-1) = g(-1) + 8$$

$$h(0) = 8$$

$$h(1) = 10$$

$$h(2) = 12$$

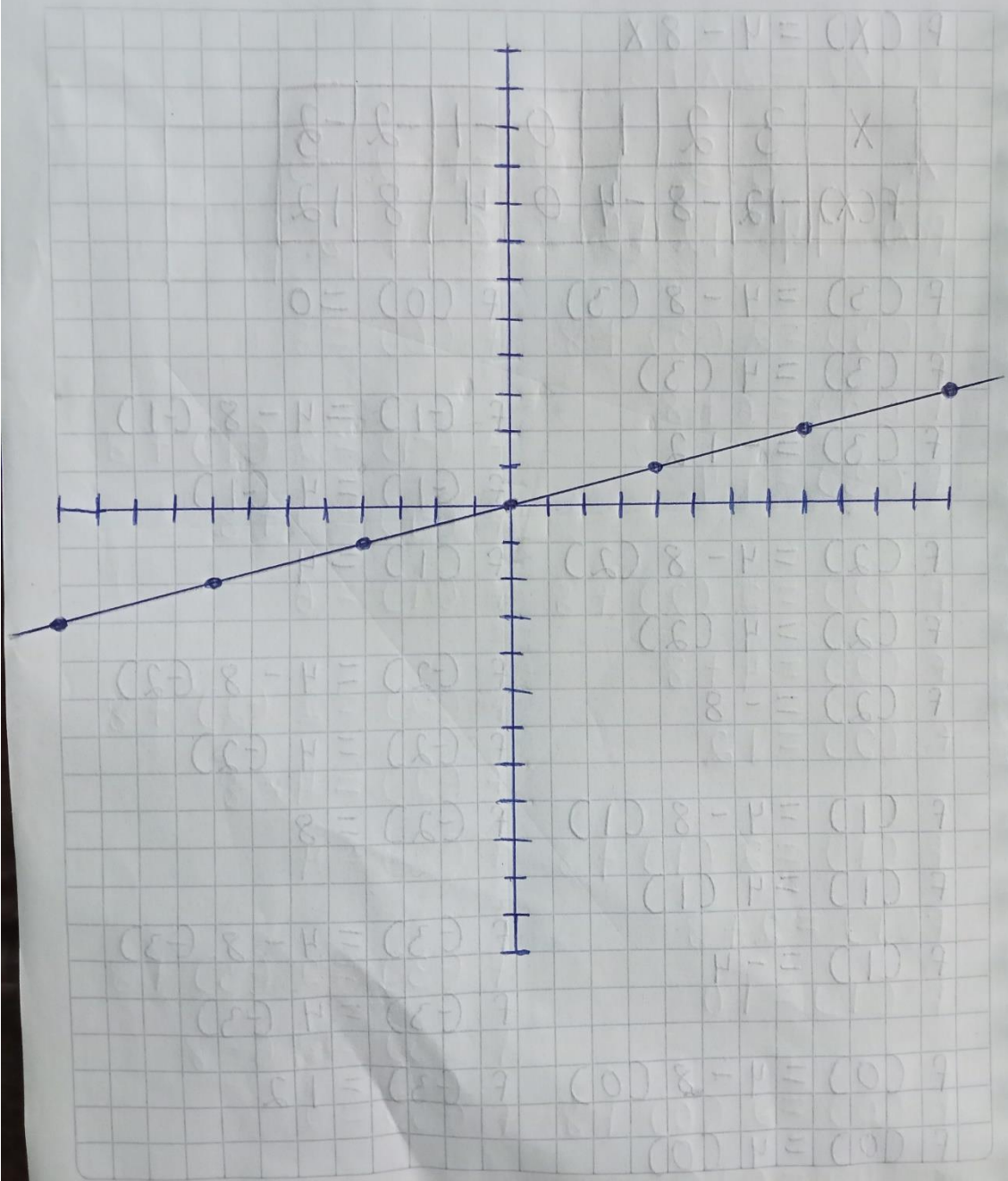
$$h(3) = 14$$

$$h(4) = 16$$

$$h(5) = 18$$

for what value of x

x	y
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9



$$f(0) = 0 - 8 = -8$$

$$f(1) = (1) - 8 = -7$$

$$f(2) = (2) - 8 = -6$$

$$f(3) = (3) - 8 = -5$$

$$f(4) = (4) - 8 = -4$$

$$f(5) = (5) - 8 = -3$$

$$f(6) = (6) - 8 = -2$$

$$f(7) = (7) - 8 = -1$$

$$f(8) = (8) - 8 = 0$$

$$f(9) = (9) - 8 = 1$$

$$f(10) = (10) - 8 = 2$$

$$f(11) = (11) - 8 = 3$$

$$f(12) = (12) - 8 = 4$$

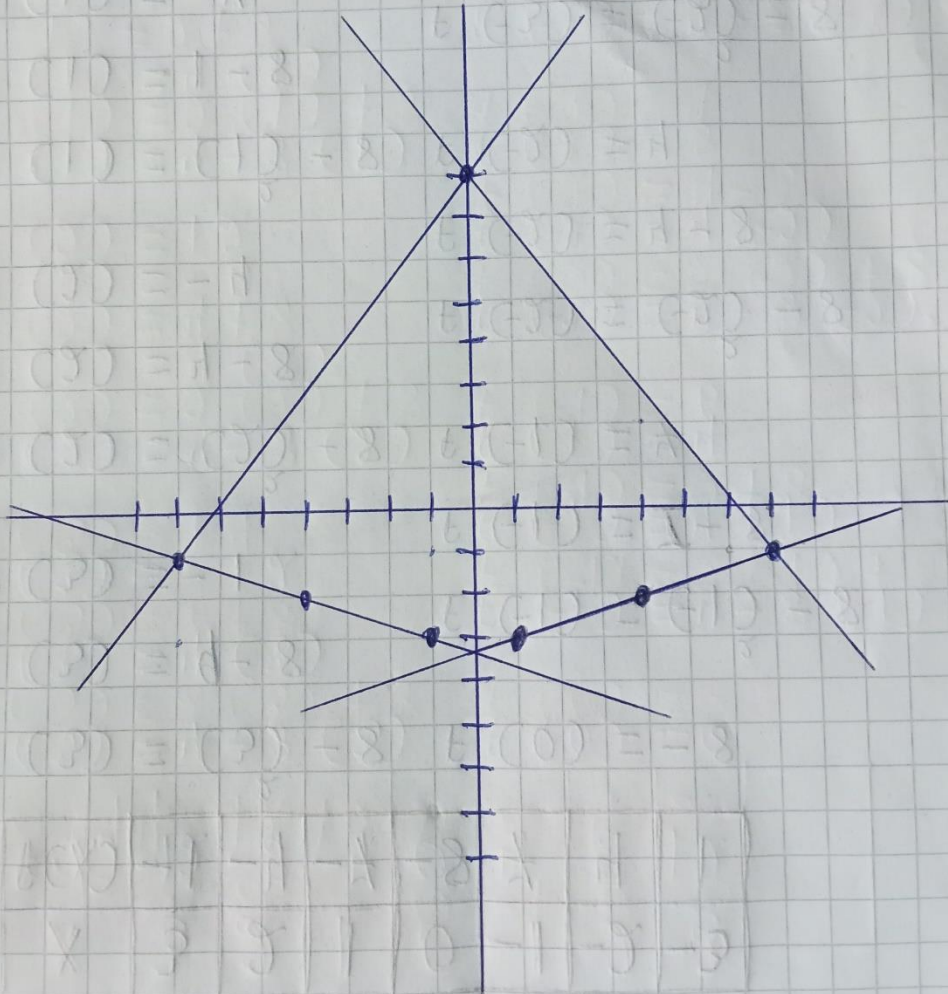
$$f(13) = (13) - 8 = 5$$

$$f(14) = (14) - 8 = 6$$

$$f(15) = (15) - 8 = 7$$

$$f(16) = (16) - 8 = 8$$

$$f(x) = (x) - 8$$



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