Lista 2

1) $a = -3$, $b = 4$
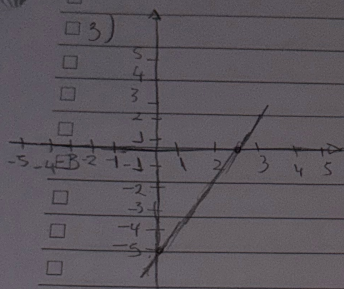$b = y = -3(0) + 4 \to y = 4$

2) $0 = 4x - 12$
$12 = 4x$
$3 = x$

3)

$y = 2(0) - 5 \to y = -5$
$0 = 2x - 5$
$5 = 2x$
$\frac{5}{2} = x$

4) $(2, 5)$, $(4, 11)$

$a = \frac{y_2 - y_1}{x_2 - x_1} \to a = \frac{11 - 5}{4 - 2} = \frac{6}{2} = 3$

$5 = 3(2) + b$
$5 = 6 + b$
$-1 = b$

$f(x) = 3x - 1$

5) $a = 50$
$b = C(x) = 6(10) + 50 \to C(x) = 60 + 50 = 110$