① Solve for x

$-2(x-5) = 30$

$-2x + 10 = 30$

$-10 \quad -10$

$\frac{-2x}{-2} = \frac{20}{-2}$

$x = -10$

② Solve for x

$\frac{x-3}{4} \cdot 4 = 6.4$

$x - 3 = 24$

$+3 \quad +3$

$x = 27$

③ $f(x) = 4x^2 - 2x - 4$

find $f(1)$=

"find y, when $x = 1$"

$f(1) = 4(1)^2 - 2(1) - 4$

$f(1) = 4(1) - 2 - 4$

$f(1) = 2 - 4$

$f(1) = -2$

when $x = 1$, y (or $f(x)$) is -2

① Solve for x

$-2(x-5) = 30$

$-2x + 10 = 30$

$-10 \quad -10$

$\frac{-2x}{-2} = \frac{20}{-2}$

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Solve for x

② $\frac{x-3}{4} = 6 \cdot 4$

$x - 3 = 24$

$+3 \quad +3$

$x = 27$

③ $f(x) = 4x^2 - 2x - 4$

find

"Find y when $x = 1$"

$f(1) =$

$f(1) = 4(1)^2 - 2(1) - 4$

$f(1) = 4(1) - 2(1) - 4$

$f(1) = 4 - 2 - 4$

$f(1) = -2$

When $x = 1$, $y = -2$

① Solve for x

$-2(x-5) = 30$

$-2x + 10 = 30$

$-10 \quad -10$

$-2x = 20$

$\frac{-2x}{-2} = \frac{20}{-2}$

$x = -10$

② Solve for x

$\frac{x-3}{4} \cdot 4 = 6.4$

$x - 3 = 24$

$+3 \quad +3$

$x = 27$

③ $f(x) = 4x^2 - 2x - 4$

Find $f(1) = ?$

"what is y (or f(x)) when x = 1"

when x = 1, y = -2

$f(1) = 4(1)^2 - 2(1) - 4$

$f(1) = 4(1) - 2(1) - 4$

$f(1) = 4 - 2 - 4$

$f(1) = -2$