Punto 1:

$f(x) = 1^2 + 3.1 - 1$

$f(x) = 1 + 3 - 1$

$f(x) = 3$

$f(x) = 0^2 + 3.0 - 1$

$f(x) = 0 + 0 - 1$

$f(x) = -1$

Punto 2:

$F(x) = \frac{0}{2} + 1. = 1$

$F(x) = \frac{1}{2} + 1 = 3$,

$F(x) = \frac{\frac{1}{2}}{2} + 1 = 1\frac{1}{4}$

$\frac{5}{4}$

$F(x) = \frac{5}{2}$

Punto 3:

Evalué $f(a+h) - f(a)$ donde $f(x) = x^2$

$f(a+h)^2 - f\cdot(a)^2$

$f \cdot a+h^2 - f \cdot a^2$

$(a+h)^2$

$a+h$
$a+h$
$ah+h^2$

$F(ah+h^2) - f(2a)$ $\quad \frac{(ah+h^2)}{2a} = 2ah+h^2$

Punto 4: Evalué $f(\frac{a}{h}) + f(a)$ donde $f(x) = x+2$

$f(\frac{a}{h}) + f(a)$

$f(\frac{a}{h}) + 2 + f(a) + 2$

$f(\frac{a^2}{h^2} + f(a^2)$

$\frac{a^2+a^2}{h^2} = \frac{4}{h^2}$

$4(\frac{1}{h}+1)$

Norma