

Evaluate  $F\left(\frac{9}{5}\right) + F(2)$

~~$\frac{9}{5} + 2 + \frac{9}{5} + 2$~~

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$9 \frac{4}{5}$

3  $f(a+h) - f(a)$

Para cuando:  $f(x) = x^2$

$$(a+h)^2 - x(a)$$

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

$$\cancel{2a} + 2ah + 2h - \cancel{2a}$$

$$2ah + 2h$$

$$(a^2$$

$$2a$$

4

$f\left(\frac{a}{h}\right) + f(a)$  Donde:  $f(x) = x + 2$

Para cuando  $f\left(\frac{a}{h}\right)$

$$\frac{a}{h} + 2$$

Para cuando  $f(a)$

$$a + 2$$

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

$$f(0) = -1$$

$$f\left(\frac{1}{2}\right) = \left(\frac{1}{2}\right)^2 + 3\left(\frac{1}{2}\right) - 1$$

$$\left(\frac{1}{2}\right)^2 = \frac{1}{4}$$

~~1~~ ~~1~~

2

$$f(0) = \frac{0}{2} + 1$$

$$f(0) = 1$$

$$f(1) = \frac{1}{2} + 1$$

$$f(1) = \frac{3}{2} = \frac{3}{2}$$