



Universidad del Sureste

Licenciatura en Medicina Humana

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Semestre y grupo: 2 UNICO

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$$F(x) = 5 = \boxed{F(x) = 0}$$

$$F(x) = 2x = \boxed{f(x) = -2}$$

$$F(x) = 2x + 2 = \boxed{f(x) = -2}$$

$$f(x) = -2x^2 - 5 = \boxed{f(x) = -4x}$$

$$f(x) = 2x^4 + x^3 - x^2 + 4 = \boxed{f(x) = 8x^3 + 3x^2 - 2x}$$

$$f(x) = \frac{x^3 + 2}{3} \quad f(x) = \frac{1}{3} \cdot x^3 + 2 = f(x) = \frac{1}{3} \cdot 3x^2$$

$$F(x) = \frac{3x^2}{3} = f(x) = \boxed{x^2}$$

$$F(x) = \frac{1}{3x^2} = f(x) \frac{1}{3} \cdot x^2 = f(x) \frac{1}{3} - 2x$$

$$\boxed{F(x) = \frac{-2x}{3}}$$

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

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

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

$$f(x) = \frac{x-1-x-1}{(x-1)^2}$$

$$F(x) = \frac{-1-1}{(x-1)^2}$$

$$f(x) = \frac{-2}{(x-1)^2}$$

$$f(x) = (5x^2 - 3)(x^2 + x + 4)$$

$$f(x) = (5x^2 - 3 + 2x + x + 4)(10x - 3)(x^2 + x + 4)$$

$$f(x) = 10x + 5x + 20$$

$$10x^3 + 10x + 40$$

$$f(x) = \underline{20x^3 + 15x + 60}$$