

Derivacion grafica

$$F(x) = x^4 + 3x^2 - 2x$$

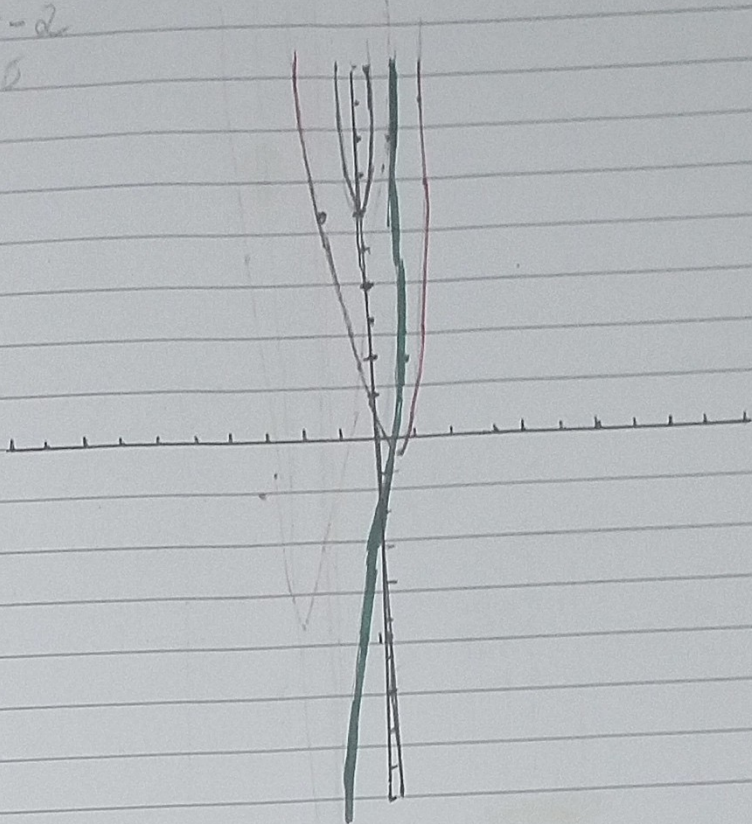
$$F'(x) = 4x^3 + 6x - 2$$

$$F''(x) = 12x^2 + 6$$

$$F'''(x) = 24x$$

$$F^{(4)}(x) = 24$$

$$F^{(5)}(x) = 0$$

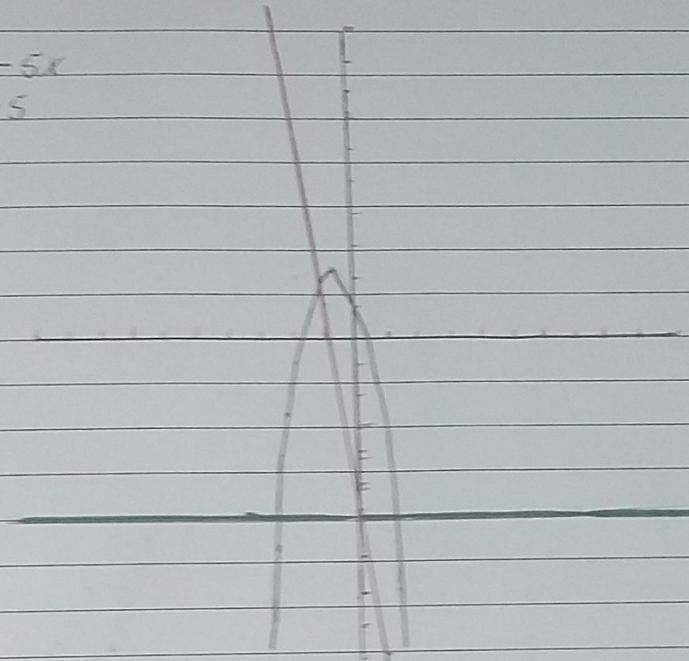


$$F(x) = -3x^2 - 5x$$

$$F'(x) = -6x - 5$$

$$F''(x) = -6$$

$$F'''(x) = 0$$



$$F(x) = 5x^5 + x^4 + x^3 - 6x^2 + 0$$

$$F'(x) = 25x^4 + 4x^3 + 3x^2 - 6x$$

$$F''(x) = 120x^3 + 12x^2 + 6x - 6$$

$$F'''(x) = 360x^2 + 24x + 6$$

$$F^{(4)}(x) = 720x + 24$$

$$F^{(5)}(x) = 720$$

$$F^{(6)}(x) = 0$$

