



PREFECTURA DE  
**PICHINCHA**  
*¡Dejamos huella!*

$$f(x) = \sin(x)$$

$$f'(x) = \cos(x)$$

$$f''(x) = -\sin(x)$$

$$f'''(x) = -\cos(x)$$

$$f^{(4)}(x) = -(-\sin(x))$$

$$f^{(4)}(x) = \sin(x) //$$

$$\textcircled{9} f(x) = x^5 + x^2 + 1$$

$$f'(x) = 5x^4 + 2x$$

$$f''(x) = 20x^3 + 2$$

$$f'''(x) = 60x^2$$

$$f^{(4)}(x) = 120x$$

Síguenos en:



Prefectura  
de Pichincha



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$\textcircled{9}$

$$f(x) = e^x$$

$$f'(x) = e^x$$

$$f''(x) = e^x$$

$$f'''(x) = e^x$$

$$f^{(4)}(x) = e^x$$

$$\textcircled{6} f(x) = x$$

$$f'(x) = 1$$

$$f''(x) = 0$$

$$f'''(x) = 0$$

$$f^{(4)}(x) = 0 //$$