

Tarea

Determinar la derivada de las funciones utilizando la definición de la derivada.

$$f'(x) = \lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h}$$

1. $f(x) = 5x$

$$f(x+h) =$$

Res. $f'(x) = 5$

$$f'(x) = \lim_{h \rightarrow 0} \frac{(\quad) - (\quad)}{h}$$

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$$f'(x) =$$

2. $f(x) = x^2 - x$

Res. $f'(x) = 2x - 1$

$$f(x+h) =$$

$$f'(x) = \lim_{h \rightarrow 0} \frac{(\quad) - (\quad) - (\quad)}{h}$$

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