Tarea

Determinar la derivada de las funciones utilizando la definición de la derivada. $f(x) = \lim_{h\to 0} \frac{f(x+h) - f(x)}{h}$

1. $f(x) = 5x$

$f(x+h) =$ $Res. f(x) = 5$

$$f(x) = \lim_{h\to 0} \frac{(\quad) - (\quad)}{\qquad\qquad}$$

$$f(x) = \lim_{h\to 0} \frac{\qquad\qquad}{\qquad\qquad}$$

$$f(x) = \lim_{h\to 0} \frac{\qquad}{\qquad}$$

$$f(x) =$$

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

$f(x+h) =$

$$f(x) = \lim_{h\to 0} \frac{(\quad) - (\quad) - (\quad)}{\qquad\qquad\qquad\qquad}$$

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