

Tabla del algebra de derivadas

| Operación | Derivada |
|----------------------------|---|
| $f(x) = k$ | $f'(x) = 0$ |
| $f(x) = x$ | $f'(x) = 1$ |
| $f(x) = k \cdot g(x)$ | $f'(x) = k \cdot g'(x)$ |
| $f(x) = x^n$ | $f'(x) = n \cdot x^{n-1}$ |
| $f(x) = \sqrt[n]{x}$ | $f'(x) = \frac{1}{n} \cdot x^{\frac{1}{n}-1}$ |
| $f(x) = g(x) + h(x)$ | $f'(x) = g'(x) + h'(x)$ |
| $f(x) = g(x) - h(x)$ | $f'(x) = g'(x) - h'(x)$ |
| $f(x) = g(x) \cdot h(x)$ | $f'(x) = g'(x) \cdot h(x) + g(x) \cdot h'(x)$ |
| $f(x) = \frac{g(x)}{h(x)}$ | $f'(x) = \frac{g'(x) \cdot h(x) - g(x) \cdot h'(x)}{(h'(x))^2}$ |
| $f(x) = g(h(x))$ | $f'(x) = h'(x) \cdot g'(h(x))$ |