

DERIBATUAK

Lotu funtzio bakoitza bere deribatuarekin.

1. $y = 2x^2 + 4x + 6$	$y' = -\frac{3}{x^2\sqrt{x}}$
2. $y = (3x^2 - x + 5)^3$	$y' = x + x^2 - 5$
3. $y = (3x^2 + 4x - 6)^{-4}$	$y' = -2 \cdot (x + 1)^{-3}$
4. $y = \frac{1}{x^2 + 2x + 1}$	$y' = 4x + 4$
5. $y = \frac{2}{x\sqrt{x}}$	$y' = \frac{-8x + 12}{(x^2 - 3x)^2}$
6. $y = \frac{1}{2}x^2 + \frac{1}{3}x^3 - 5x + 7$	$y' = \frac{-24x - 16}{(3x^2 + 4x - 6)^5}$
7. $y = \frac{4}{x^2 - 3x}$	$y' = (18x - 3) \cdot (3x^2 - x + 5)^2$