

Second Order Derivative



Examples

1. If $y = 3x^5 + \frac{4}{x^2}$, find $\frac{d^2y}{dx^2}$.

2. If $f(x) = 3\sqrt{x} + \frac{1}{2\sqrt{x}}$, find $f''(x)$.

Test your understanding

If $y = 5x^3 - \frac{x}{3\sqrt{x}}$, find $\frac{d^2y}{dx^2}$.