Second Order Derivative

Examples

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

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

Test you understanding

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

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