

Samples Differentiation

1. Find $\frac{dy}{dx}$, if $y = (-2x^5 - 2)^3$.

2. Find $\frac{dy}{dx}$, if $y = (-8x^4 + 7)^7$.

3. Find $\frac{dy}{dx}$, if $y = \frac{1}{(4x^6 - 2)^2}$.