

CALCULUS
Logarithmic differentiation
OLD2

0400-1. Using logarithmic differentiation,

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differentiate $z = \frac{(2x - 3)^5 (4x + 5)^8}{(x + 5)^7 (3x^4 - 2x^2 + 7)^9 (e^{4x})}$.

0400-2. Differentiate $w = x^{-2x}$.

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0400-3. Differentiate $V(s) = (1 + s^4)^{-\ln s}$.

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