

# Deriving the derivative of a given expression

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$$f(x) = 2 * \sin(A) * \cos(B) * (C + D)$$

$$A = (x^2) * \cos(x)$$

$$B = (x^2) * \cos(x)$$

$$C = 2 * x * \cos(x)$$

$$D = (x^2) * \sin(x) * (-1)$$