

# 미분공식표

(Table of Differential Formulas)

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$$\frac{d}{dx}(c)$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$(cf)'$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf'$$



▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g', \quad (f - g)'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g', \quad (f - g)' = f' - g'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g', \quad (f - g)' = f' - g'$$

$$(fg)'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g', \quad (f - g)' = f' - g'$$

$$(fg)' = f'g + fg'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g', \quad (f - g)' = f' - g'$$

$$(fg)' = f'g + fg', \quad \left(\frac{f}{g}\right)'$$

▶ Start

▶ End

$$\frac{d}{dx}(c) = 0 \quad , \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf' \quad , \quad (f + g)' = f' + g' \quad , \quad (f - g)' = f' - g'$$

$$(fg)' = f'g + fg' \quad , \quad \left(\frac{f}{g}\right)' = \frac{f'g - fg'}{g^2}$$



▶ Start

▶ End

$$\frac{d}{dx}(c) = 0, \quad \frac{d}{dx}x^n = nx^{n-1}$$

$$(cf)' = cf', \quad (f + g)' = f' + g', \quad (f - g)' = f' - g'$$

$$(fg)' = f'g + fg', \quad \left(\frac{f}{g}\right)' = \frac{f'g - fg'}{g^2}$$

Github:

<https://min7014.github.io/math20240213001.html>

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