

DIFFERENTIATION EMERGENCY REFERENCE!!!

- $\frac{d}{dx}[x^n] =$

- $\frac{d}{dx}[\sin(x)] =$

- $\frac{d}{dx}[\cos(x)] =$

- $\frac{d}{dx}[\tan(x)] =$

- $\frac{d}{dx}[e^x] =$

- $\frac{d}{dx}[\ln(x)] =$

- $\frac{d}{dx}[k \cdot f(x)] =$

- $\frac{d}{dx}[f(x) + g(x)] =$

- $\frac{d}{dx}[f(x) - g(x)] =$

- $\frac{d}{dx}[f(x) \cdot g(x)] =$

- $\frac{d}{dx}\left[\frac{f(x)}{g(x)}\right] =$

- $\frac{d}{dx}[f(g(x))] =$

- $\frac{d}{dx}[f(x)^{g(x)}] =$

- $\frac{d}{dx}[\log_{f(x)}(g(x))] =$

INTEGRATION EMERGENCY REFERENCE!!!

- $\int x^n dx =$

- $\int \sin(x) dx =$

- $\int \cos(x) dx =$

- $\int e^x dx =$

- $\int \frac{1}{x} dx =$

- $\int k \cdot f(x) dx =$

- $\int f(x) + g(x) dx =$

- $\int f(x) - g(x) dx =$

- $\int g'(x) \cdot f'(g(x)) dx =$

- $\int g'(x) \cdot e^{g(x)} dx =$

- $\int \frac{f'(x)}{f(x)} dx =$

- $\int \tan(x) dx =$

- $\int f'(x)g(x) dx =$

- $\int \ln(x) dx =$

- $\int \log_k(x) dx =$