

RECAP

DAY 19

16 MAR 22

$$\frac{d}{dx} e^x = e^x$$

$$\frac{d}{dx} a^x = (\ln a) a^x$$

$$\frac{d}{dx} e^{f(x)} = e^{f(x)} \cdot f'(x)$$

$$\frac{d}{dx} \ln x = \frac{1}{x}$$

$$\frac{d}{dx} \log_b x = \frac{1}{x \ln b}$$

$$\left[\log_b x = \frac{\ln x}{\ln b} \right]$$