

$$(e^x)' = e^x$$

$$(a^x)' = (\ln a)a^x, a > 0$$

$$\sin'(x) = \cos x$$

$$\cos'(x) = -\sin x$$

$$\tan'(x) = \frac{1}{\cos^2 x}$$

$$\ln'(x) = \frac{1}{x}$$

$$\arcsin'(x) = \frac{1}{\sqrt{1-x^2}}$$

$$\arccos'(x) = -\frac{1}{\sqrt{1-x^2}}$$

$$\arctan'(x) = \frac{1}{1+x^2}$$