

$$(\sin x)' = \boxed{\phantom{000}}$$

$$(\cos x)' = \boxed{\phantom{000}}$$

$$(\tan x)' = \boxed{\phantom{000}}$$

$$(\text{Sin}^{-1}x)' = \boxed{\phantom{000}}$$

$$(\text{Cos}^{-1}x)' = \boxed{\phantom{000}}$$

$$(\text{Tan}^{-1}x)' = \boxed{\phantom{000}}$$

$$(e^x)' = \boxed{\phantom{000}}$$

## いろいろな関数の導関数

$$\square\square\square (x^a)' \quad (a \text{ は実数})$$

$$\square\square\square (\sin x)'$$

$$\square\square\square (\cos x)'$$

$$\square\square\square (\tan x)'$$

$$\square\square\square (\sin^{-1}x)'$$

$$\square\square\square (\cos^{-1}x)'$$

$$\square\square\square (\tan^{-1}x)'$$

$$\square\square\square (e^x)'$$

$$\square\square\square (a^x)'$$

$$\square\square\square (\log x)'$$

$$\square\square\square (\log |x|)'$$

$$\square\square\square (\log_a x)'$$

$$(x^a)' = ax^{a-1} \quad (a \text{ は実数})$$

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

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

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

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

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

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

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

$$(a^x)' = a^x \log a$$

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

$$(\log |x|)' = \frac{1}{x}$$

$$(\log_a x)' = \frac{1}{x \log a}$$