

## 数Ⅲ (三角関数の導関数①)

$$\textcircled{ホ} (\sin x)' = \textcircled{①} \underline{\hspace{2cm}}, (\cos x)' = \textcircled{②} \underline{\hspace{2cm}}, (\tan x)' = \textcircled{③} \underline{\hspace{2cm}}$$

⑥ 次の関数を微分せよ。

$$\textcircled{④} y = \sin 2x$$

$$\textcircled{⑤} y = \cos(3x+2)$$

$$\textcircled{⑥} y = \tan^2 x$$

$$\textcircled{⑦} y = x \cos x$$

$$\textcircled{⑧} y = \sin(x^2+3)$$

$$\textcircled{⑨} y = \cos \frac{1}{x}$$

