

数Ⅲ (三角関数の導関数②)

② 次の関数を微分せよ。

$$\textcircled{1} y = \sin 2x \cos x$$

$$\textcircled{2} y = \sqrt{1 + \sin x}$$

$$\textcircled{3} y = \frac{x}{\sin x}$$

$$\textcircled{4} y = \cos^3 2x$$

$$\textcircled{5} y = \frac{\sin x}{\sin x + \cos x}$$

$$\textcircled{6} y = \frac{1}{\sin x \cos x}$$