

数Ⅱ(三角関数の性質④)

〇 次の値を求めよう。

① $\sin \frac{4}{3}\pi$

② $\cos \frac{11}{6}\pi$

③ $\tan \frac{7}{6}\pi$

④

$$\sin\left(\frac{\pi}{2} + \theta\right) = \text{④} \quad \sin\left(\frac{\pi}{2} - \theta\right) = \text{⑦} \quad \sin(\pi - \theta) = \text{⑩}$$

$$\cos\left(\frac{\pi}{2} + \theta\right) = \text{⑤} \quad \cos\left(\frac{\pi}{2} - \theta\right) = \text{⑧} \quad \cos(\pi - \theta) = \text{⑪}$$

$$\tan\left(\frac{\pi}{2} + \theta\right) = \text{⑥} \quad \tan\left(\frac{\pi}{2} - \theta\right) = \text{⑨} \quad \tan(\pi - \theta) = \text{⑫}$$