

1回目課題1

名前：

令和元年10月01日(火)

次の三角関数について、有理化した値を求めよ.

$$(1) \sin\left(\frac{\pi}{6}\right) =$$

$$(2) \sin\left(\frac{\pi}{4} + \frac{\pi}{2}\right) =$$

$$(3) \sin\left(\pi - \frac{\pi}{2}\right) =$$

$$(4) \sin\left(\pi + \frac{3\pi}{4}\right) =$$

$$(5) \sin\left(\frac{\pi}{4} + 2n\pi\right) =$$

$$(6) \cos\left(-\frac{3\pi}{4}\right) =$$

$$(7) \cos\left(\frac{\pi}{3} + \frac{\pi}{2}\right) =$$

$$(8) \cos\left(\pi - \frac{\pi}{2}\right) =$$

$$(9) \cos\left(\frac{5\pi}{6} + \pi\right) =$$

$$(10) \cos\left(\frac{\pi}{6} + 2n\pi\right) =$$

$$(11) \tan\left(\frac{\pi}{4}\right) =$$

$$(12) \tan\left(\frac{\pi}{6} + \frac{\pi}{2}\right) =$$

$$(13) \tan\left(\pi - \frac{2\pi}{3}\right) =$$

$$(14) \tan\left(\frac{\pi}{3} + \pi\right) =$$

$$(15) \tan\left(\frac{5\pi}{3} + 2n\pi\right) =$$

$$(16) \sin\left(\frac{\pi}{4}\right) =$$

$$(17) \sin\left(\frac{2\pi}{3} + \frac{\pi}{2}\right) =$$

$$(18) \sin\left(\frac{\pi}{2} - \frac{\pi}{4}\right) =$$

$$(19) \sin\left(\pi - \frac{3\pi}{4}\right) =$$

$$(20) \sin\left(\frac{\pi}{6} + 2n\pi\right) =$$

$$(21) \cos\left(-\frac{\pi}{3}\right) =$$

$$(22) \cos\left(\frac{\pi}{2} - \frac{\pi}{3}\right) =$$

$$(23) \cos\left(\frac{\pi}{2} + \pi\right) =$$

$$(24) \cos\left(\frac{\pi}{6} - \frac{\pi}{2}\right) =$$

$$(25) \cos(\pi + 2n\pi) =$$