

2 年 ____ 科 ____ 番 氏名 _____

次の三角比の値を答えよ。ただし、値がない場合は、「値なし」と記入すること。

(1) $\sin \pi$

(2) $\sin \frac{\pi}{6}$

(3) $\tan \frac{5}{4}\pi$

(4) $\cos \frac{7}{4}\pi$

(5) $\tan \frac{\pi}{3}$

(6) $\sin \frac{\pi}{3}$

(7) $\tan \frac{7}{4}\pi$

(8) $\sin \frac{7}{6}\pi$

(9) $\cos \frac{11}{6}\pi$

(10) $\sin \frac{\pi}{4}$

(11) $\tan \frac{\pi}{2}$

(12) $\cos \frac{3}{2}\pi$

(13) $\tan \frac{2}{3}\pi$

(14) $\sin \frac{5}{4}\pi$

(15) $\sin 2\pi$

(16) $\tan \frac{3}{2}\pi$

(17) $\tan 2\pi$

(18) $\cos \frac{2}{3}\pi$

(19) $\cos \frac{5}{6}\pi$

(20) $\cos \frac{\pi}{3}$

(21) $\cos \frac{3}{4}\pi$

(22) $\sin \frac{11}{6}\pi$

(23) $\cos \frac{7}{6}\pi$

(24) $\tan \frac{\pi}{4}$

(1) 0
(5) $\sqrt{3}$
(9) $\frac{\sqrt{3}}{2}$
(13) $-\sqrt{3}$
(17) 0
(21) $-\frac{1}{\sqrt{2}}$

(2) $\frac{1}{2}$
(6) $\frac{\sqrt{3}}{2}$
(10) $\frac{1}{\sqrt{2}}$
(14) $-\frac{1}{\sqrt{2}}$
(18) $-\frac{1}{2}$
(22) $-\frac{1}{2}$

(3) 1
(7) -1
(11) 値なし
(15) 0
(19) $-\frac{\sqrt{3}}{2}$
(23) $-\frac{\sqrt{3}}{2}$

(4) $\frac{1}{\sqrt{2}}$
(8) $-\frac{1}{2}$
(12) 0
(16) 値なし
(20) $\frac{1}{2}$
(24) 1