

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) $\tan \frac{7}{6}\pi$

(2) $\sin \frac{4}{3}\pi$

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

(4) $\tan \pi$

(5) $\cos 2\pi$

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

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

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

(9) $\tan \frac{\pi}{6}$

(10) $\sin \frac{3}{4}\pi$

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

(12) $\cos \pi$

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

(14) $\tan 2\pi$

(15) $\sin \frac{7}{4}\pi$

(16) $\tan \frac{5}{6}\pi$

(17) $\cos 0$

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

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

(20) $\sin \frac{5}{6}\pi$

(21) $\cos \frac{\pi}{2}$

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

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

(24) $\cos \frac{5}{4}\pi$

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

(2) $-\frac{\sqrt{3}}{2}$ (6) $\frac{\sqrt{3}}{2}$ (10) $\frac{1}{\sqrt{2}}$ (14) 0 (18) $-\frac{1}{2}$ (22) 0

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

(4) 0 (8) $\sqrt{3}$ (12) -1 (16) $-\frac{1}{\sqrt{3}}$ (20) $\frac{1}{2}$ (24) $-\frac{1}{\sqrt{2}}$