







E.g. Find
$$\sin \frac{3\pi}{2}$$
, $\cos \frac{3\pi}{2}$, $\tan \frac{3\pi}{2}$.

$$\int (0,1) \qquad \sin \frac{3\pi}{2} = -1$$

$$\cos \frac{3\pi}{2} = 0$$

$$\tan \frac{3\pi}{2} = \frac{-1}{0} = \operatorname{undefined}$$

Tuesday, October 10, 2017 1:05 PM $\sin \frac{13\pi}{2}$, $\cos \frac{13\pi}{2}$, $\tan \frac{13\pi}{2}$ Find $\frac{13\pi}{2} = \frac{12\pi}{2} + \frac{\pi}{2} = 6\pi + \frac{\pi}{2} = 3.2\pi + \frac{\pi}{2}$ $\operatorname{Nun} \frac{13n}{7} = 1$; $\operatorname{con} \frac{13n}{2} = 0$; $\operatorname{tan} \frac{13n}{2} = \operatorname{undefined}$. $t_{\frac{1}{2}}$, $sin \frac{\pi}{4}$, $con \frac{\pi}{4}$. $\int \ln \frac{t_{1}}{4} = -\frac{\sqrt{2}}{7}$ $\left(\frac{\sqrt{2}}{2},\frac{\sqrt{2}}{2}\right)$ $\pi/4$ $los \frac{\pi}{4} = \frac{1}{2}$ 31/4 230 (些, -亞) $\frac{23n}{4} = \frac{16n+7}{4}$ $= 4n + \frac{7n}{4}$ <u>5n</u> 4 $\int \frac{23\pi}{4} = \frac{\sqrt{2}}{2}$ Eq. CSC $\frac{23\pi}{4}$. . . $lsc \frac{23n}{4} = -\frac{2}{\sqrt{2}} = -\sqrt{2}$

Tuesday, October 10, 2017 1:17 PM

