







I. Evaluate the sin, cos, and tan functions at the given. (The book uses the letter t to represent angle measures.)

a) $t = \frac{\pi}{6}$

$\sin \frac{\pi}{6} = \frac{1}{2}$

$\cos \frac{\pi}{6} = \frac{\sqrt{3}}{2}$

$\tan \frac{\pi}{6} = \frac{1}{\sqrt{3}}$



b) $t = \frac{3\pi}{2}$

$\sin \frac{3\pi}{2} = -1$

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

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