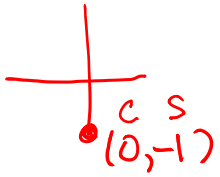
Precalculus Section 4.3 Practice

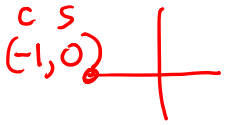
Find the EXACT values. (NO CALCULATORS) Be sure to draw a reference triangle to show your work.

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

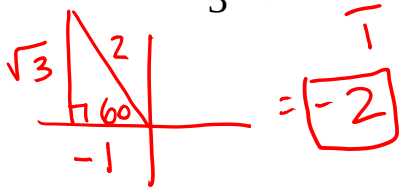


2) $\tan\frac{\pi}{4}$ = 1

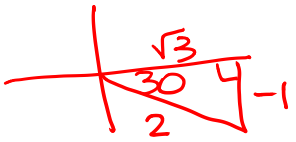
3) $\sin\pi$ = 0



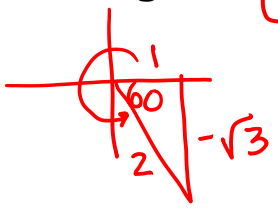
4) $\sec\frac{2\pi}{3}$ = $\frac{-2}{1}$ = -2



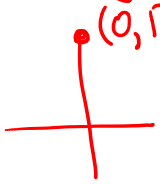
5) $\csc\left(-\frac{\pi}{6}\right)$ = -2



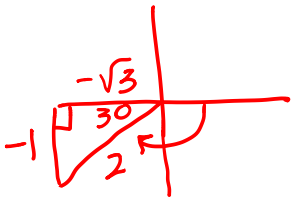
6) $\tan\frac{5\pi}{3}$ = $-\sqrt{3}$



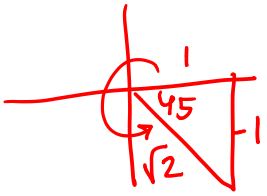
7) $\sin\frac{\pi}{2}$ = 1



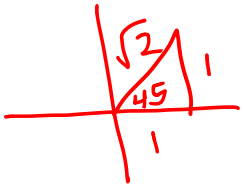
8) $\cos\left(-\frac{5\pi}{6}\right)$ = $\frac{-\sqrt{3}}{2}$



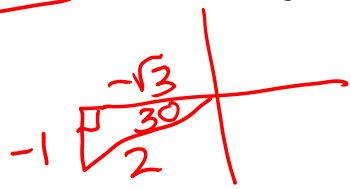
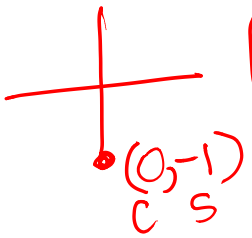
9) $\sec\frac{7\pi}{4}$ = $\sqrt{2}$



10) $\csc\frac{\pi}{4}$ = $\sqrt{2}$



11) $\tan\frac{7\pi}{6}$ = $\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$



12) $\sec\frac{3\pi}{2}$ = $\frac{1}{0}$ undefined