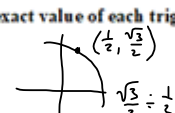



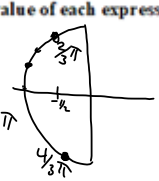
Starter 6.6 Do not use your unit circle notes.

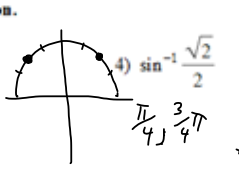
Find the exact value of each trigonometric function.

1) $\tan \frac{\pi}{3}$  $\frac{\sqrt{3}}{2} \div \frac{1}{2}$

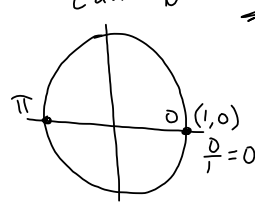
2) $\tan -\frac{\pi}{6}$  $-\frac{\sqrt{3}}{3}$

Find the exact value of each expression.

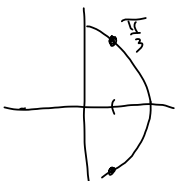
3) $\cos^{-1} -\frac{1}{2}$  $\frac{2}{3}\pi, \frac{4}{3}\pi$

4) $\sin^{-1} \frac{\sqrt{2}}{2}$  $\frac{\pi}{4}, \frac{3}{4}\pi$


$\tan^{-1} 0$ $0, \pi$



$\cos^{-1} \frac{1}{2}$



$\sin^{-1} \left(\sin \frac{\pi}{3} \right)$



$\sin^{-1} \frac{\sqrt{3}}{2}$

$\frac{\pi}{3}, \frac{2}{3}\pi$

$\frac{3\sqrt{3}}{-3} = \frac{-3\tan\theta}{-3}$

$-\sqrt{3} = \tan\theta$

$\tan^{-1} -\sqrt{3}$

$\frac{2}{3}\pi, \frac{5}{3}\pi$

