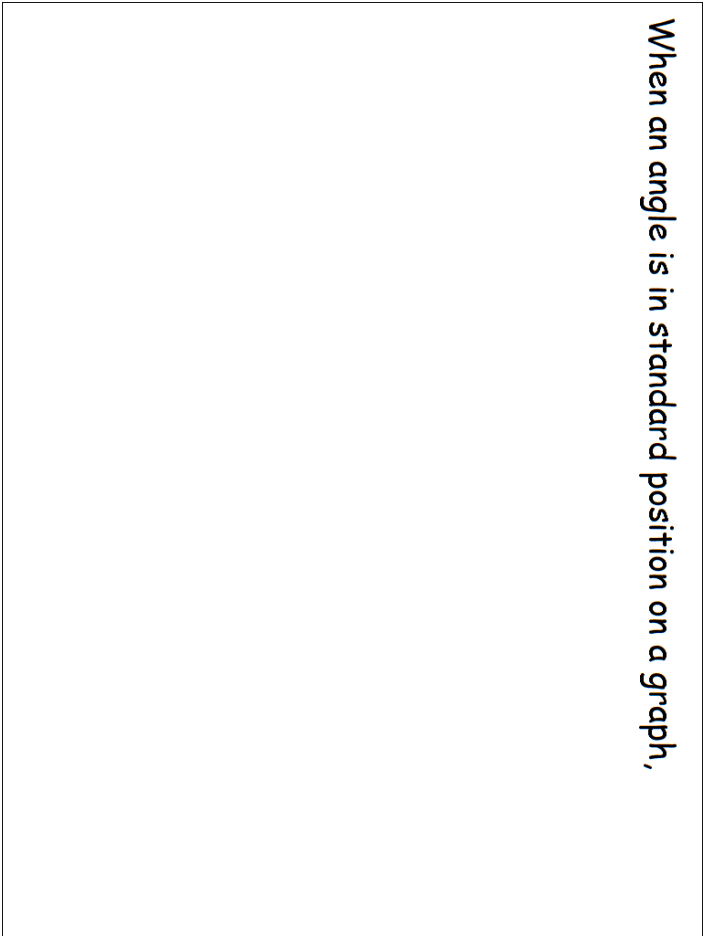
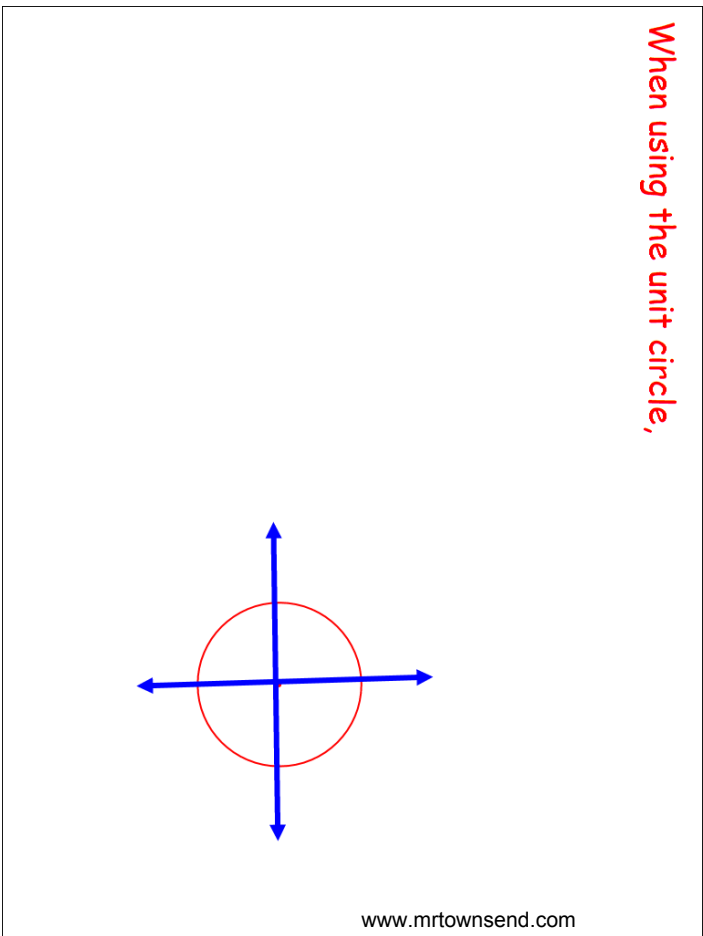


When an angle is in standard position on a graph,

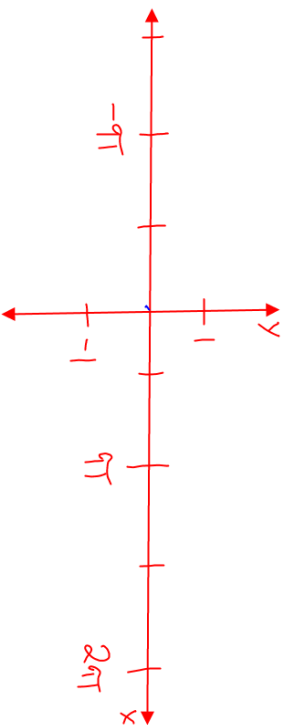


When using the unit circle,



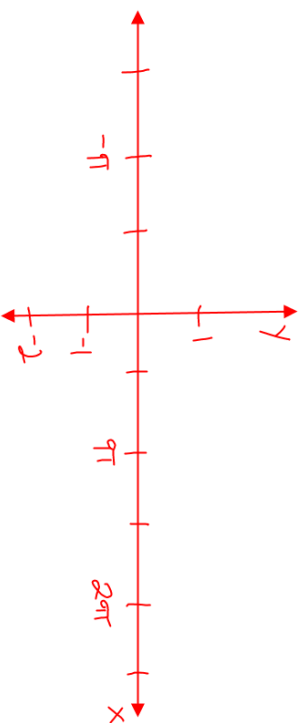
When graphing $\sin t$,

In the unit circle,



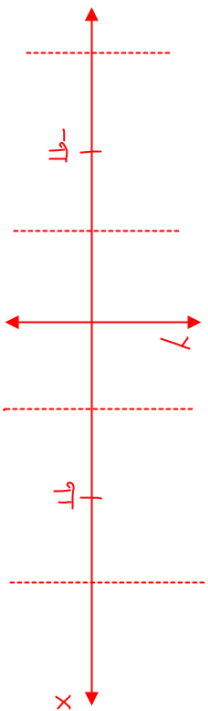
When graphing $\cos t$,

In the unit circle,



When graphing $\tan t$,

In the unit circle,



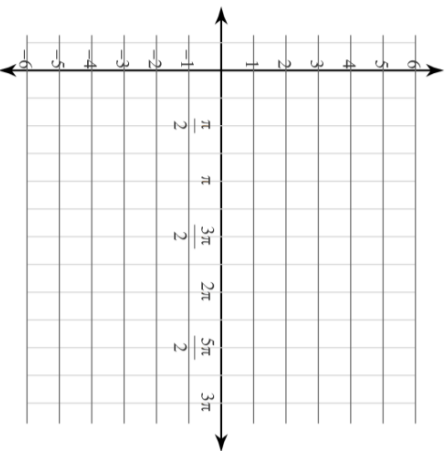
A phase shift will

A vertical shift will

phase shift =

vertical shift =

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



$$y = \cot\left(\theta - \frac{\pi}{2}\right) + 2$$

