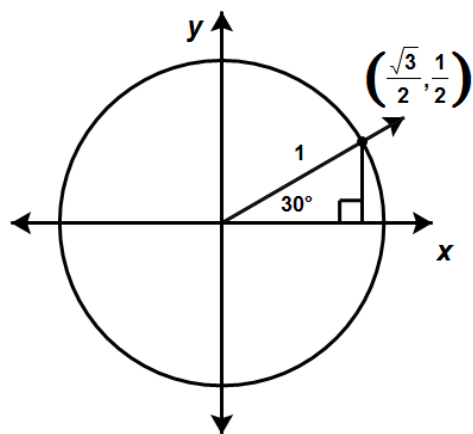


The angle  $30^\circ$  is shown below in standard position, together with a unit circle.



Use the coordinates of the point of intersection of the terminal side and the circle to compute  $\tan 30^\circ$ .