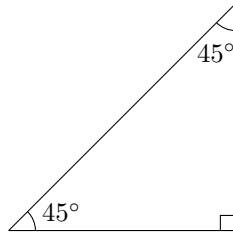
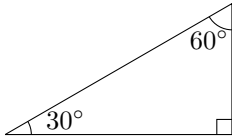


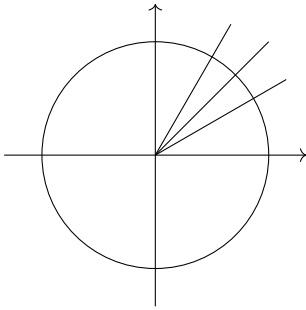
MATH 2A/5A Prep: Trigonometric Values

Facts to Know:

1. Special right triangles:

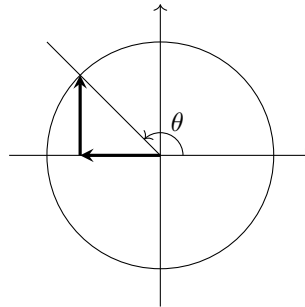
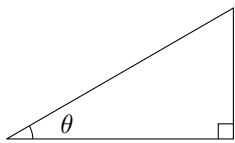


2. Radian measure of angles:



3. Definition of Trigonometric functions:

- $\sin \theta$ and $\cos \theta$:



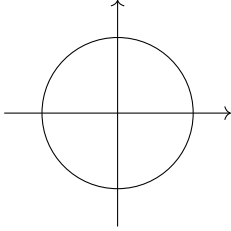
- $\tan \theta =$ _____ , $\cot \theta =$ _____

- $\sec \theta =$ _____ , $\csc \theta =$ _____

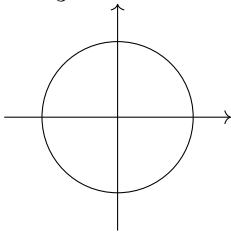
Examples:

1. Calculate the following values:

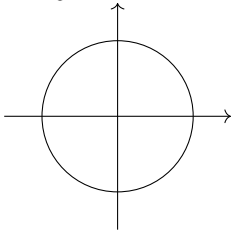
(a) $\tan \frac{\pi}{4}$.



(b) $\cot \frac{2\pi}{3}$.



(c) $\sec \frac{7\pi}{6}$.



(d) $\csc \frac{11\pi}{2}$.

