

NAME: _____ Score _____/10

Please **print** your name**Some unit circles are provided. Use them if they help you analyze the question.**

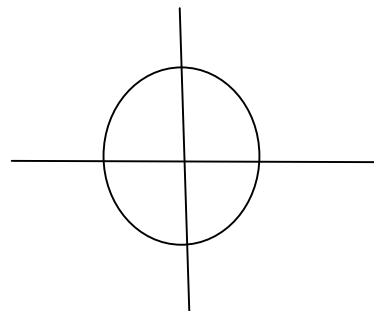
1. Express $\tan(x)$, $\cot(x)$, $\sec(x)$, and $\csc(x)$ in terms of $\sin(x)$ and/or $\cos(x)$

$$\tan(x) =$$

$$\cot(x) =$$

$$\sec(x) =$$

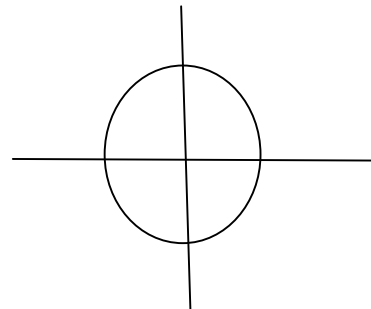
$$\csc(x) =$$



2. Complete each of the following Pythagorean identities.

$$\sin^2(x) =$$

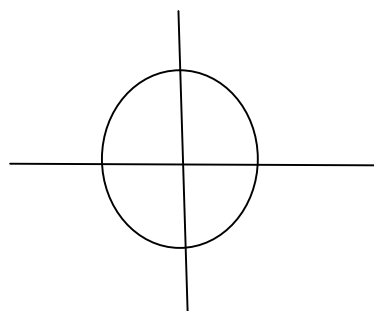
$$\sec^2(x) =$$



3. Complete the following identities for negatives.

$$\sin(-x) =$$

$$\cos(-x) =$$



4. What is the domain of \sin ?

5. Convert $23^\circ 37' 13''$ to decimal degrees.

