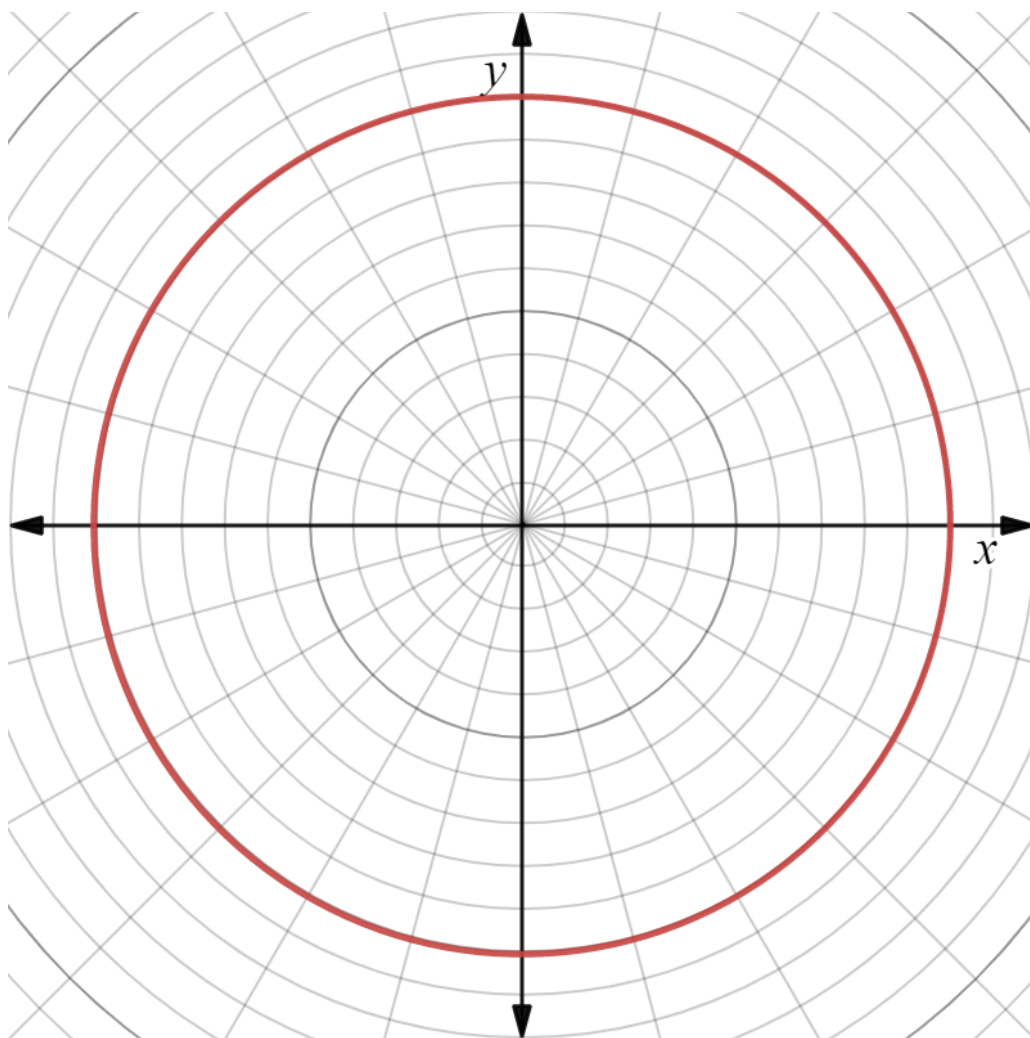


Name: _____

Date: _____

Learning Goal 0.2

Expectations for algebra from previous years.

**Recall** the following trigonometric identities. $\sin x$ $\cos x$ $\tan x$ $\csc x$ $\sec x$ $\cot x$

Assignment

Handout

Quiz Next Day!

Example Solve the following trigonometric equations, without a calculator.

a. $\sec \frac{11\pi}{4}$

b. Given that $\sin x = \frac{7}{25}$, where $x \in \left(\frac{\pi}{2}, \pi\right)$,
determine the value of $\cos\left(\frac{\pi}{2} - x\right)$.

c. $\sin \frac{\pi}{8}$

d. $\cos^2 x - \sin^2 x = 1$ on $(0, 2\pi]$

Recall graphs of trigonometric functions.

