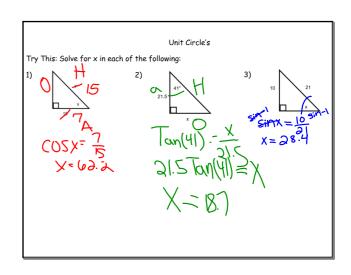
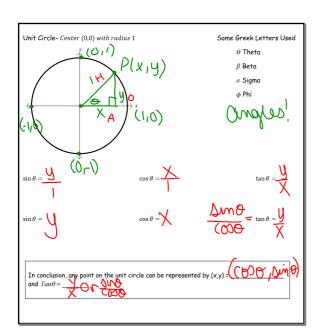
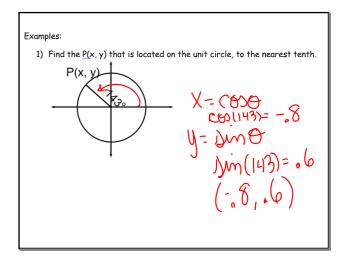
Lesson 66 Objective: SWBAT use the unit circle to determine points and trig fucntions.

Kickoff- Convert each of the following to radians and find the complementary and supplementary angles in radians.

1) 65° T - B T 2) 24° T - B T COM T - B T -







2) Find $\sin \theta$, $\cos \theta$, and $\tan \theta$ if point P is on the unit circle. $\begin{array}{c}
X = (000 = -\frac{3}{4}) \\
Y = 0.00 = \frac{\sqrt{3}}{4} \\
0.00 = \frac{\sqrt{3}}{4} \\
0.00 = \frac{\sqrt{3}}{4}
\end{array}$

3) If θ is an angle in standard position, determine to the nearest tenth the coordinate of the point where the terminal side intersects the unit circle. $\theta = \frac{\pi}{12} \qquad \text{Change}$ (X, Y) $(OS\Theta, Sin\Theta)$

