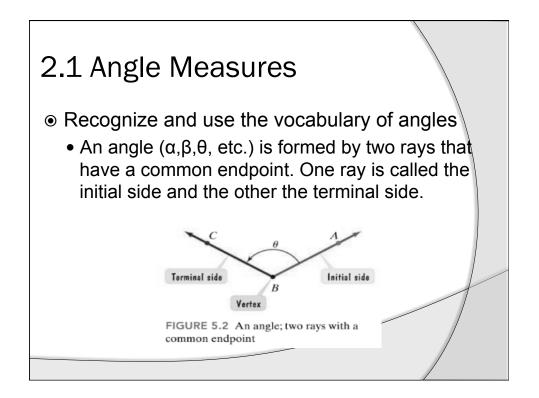
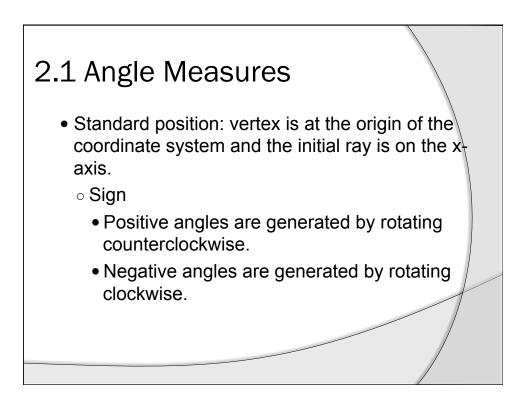
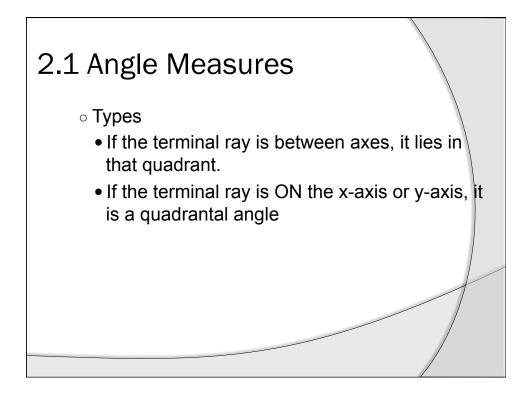
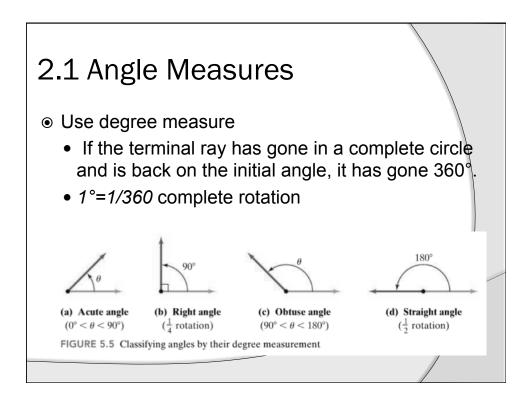


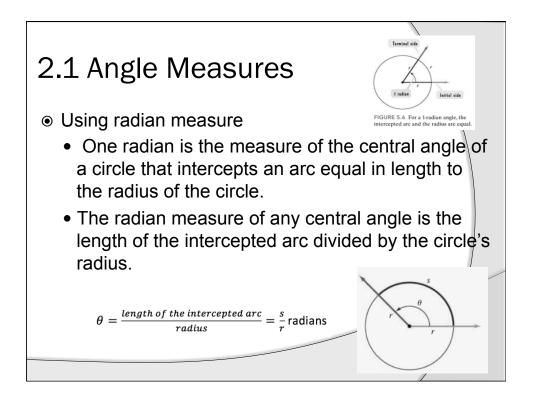
## 2.1 Angle Measures Objective: • I will be able to identify angle types, convert between degrees and radians for angle measures, identify coterminal angles, find the length of an intercepted arc, and find linear and angular Ocabulary: Angle Initial side Terminal side Vertex Standard position Positive angles Negative Quadrantal Degrees Acute angle angle angles Central/Angle **Right angle** Obtuse angle Straight angle Radian Radian Coterminal Linear Speed Angular Speed Measure angles

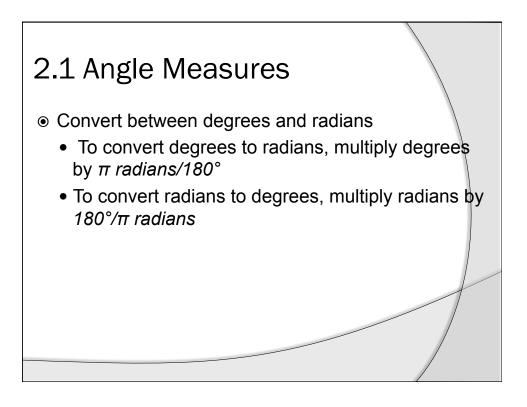


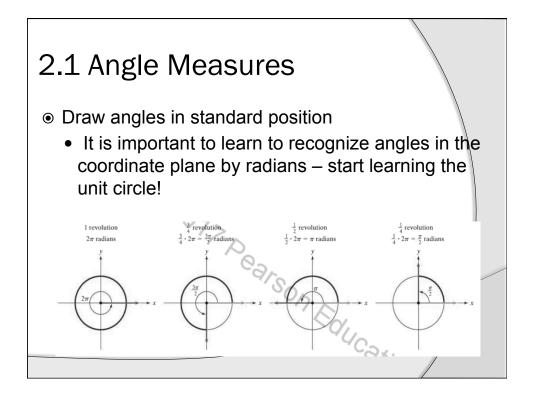


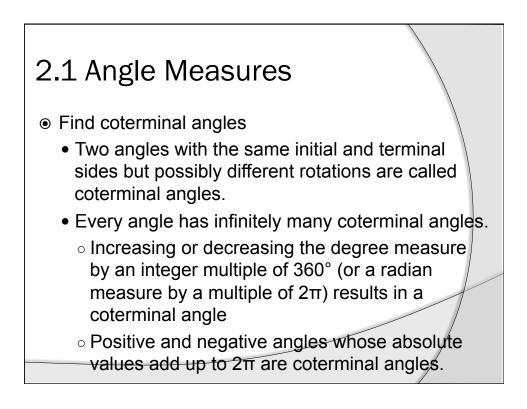


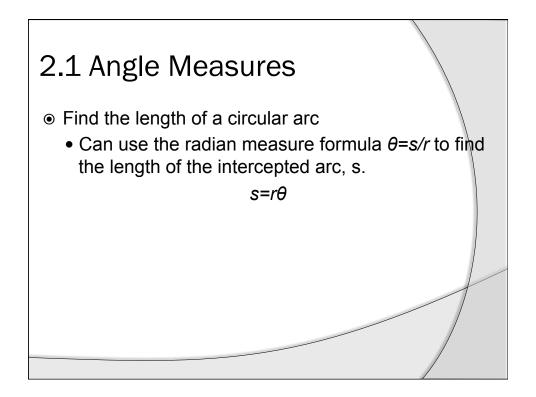


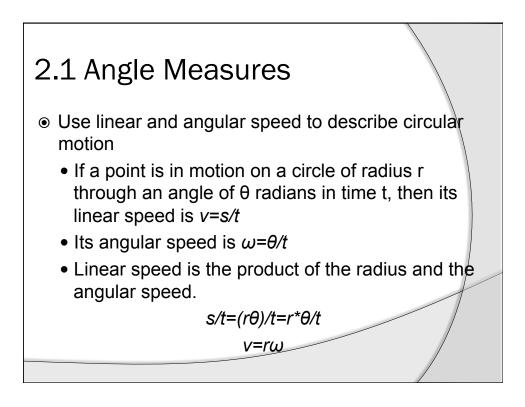


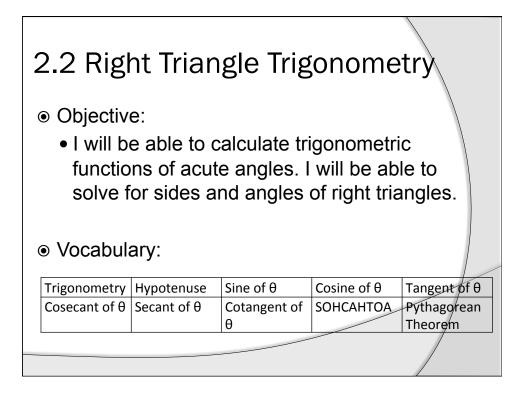


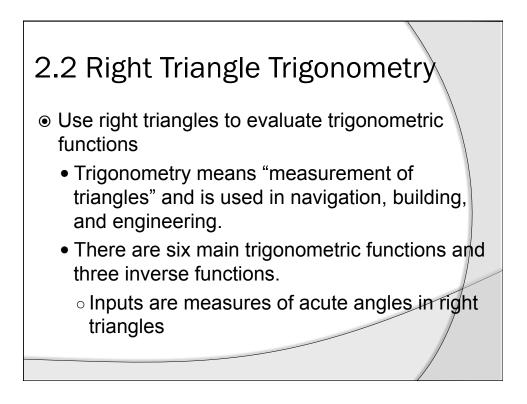


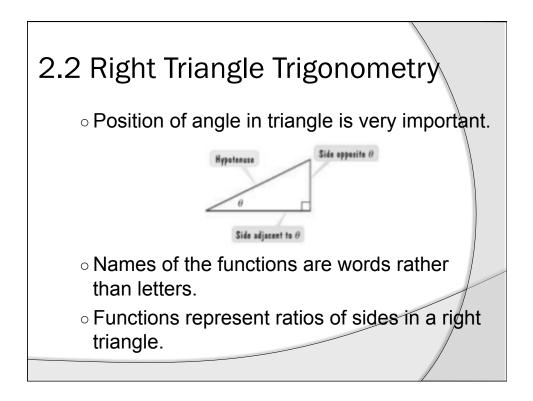


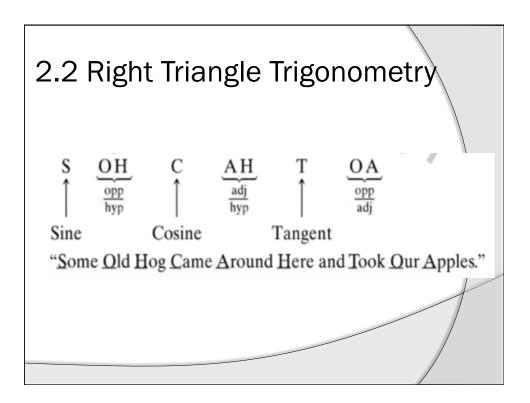


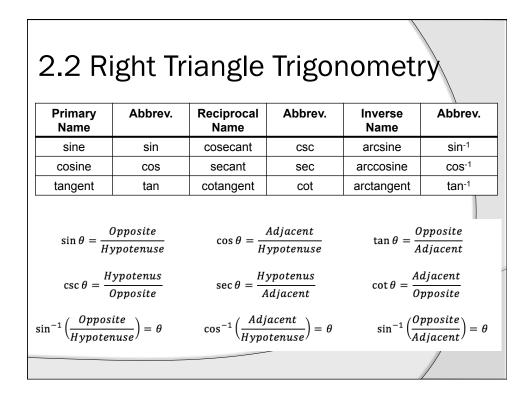


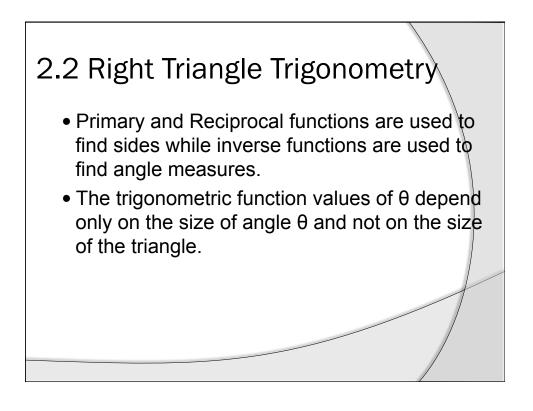


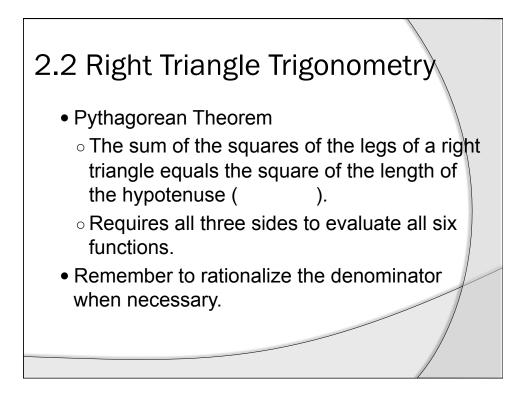


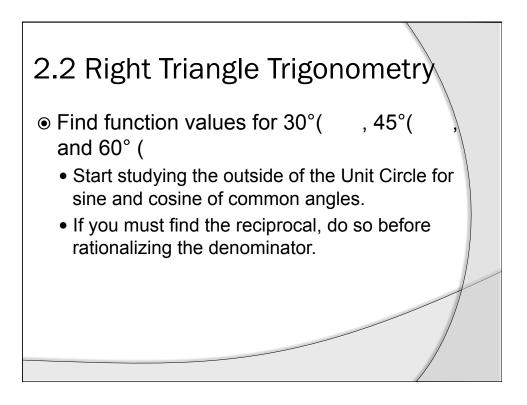












2.2 Right Triangle Trigonometry			
θ	$\mathbf{30^{\circ}} = \left(\frac{\pi}{6}\right),$	$45^{\circ} = \left(\frac{\pi}{4}\right)$	$60^{\circ} = \left(\frac{\pi}{3}\right)$
sin θ	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$
<u>ςος</u> θ	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$
tan θ	$\frac{\sqrt{3}}{3}$	1	$\sqrt{3}$

