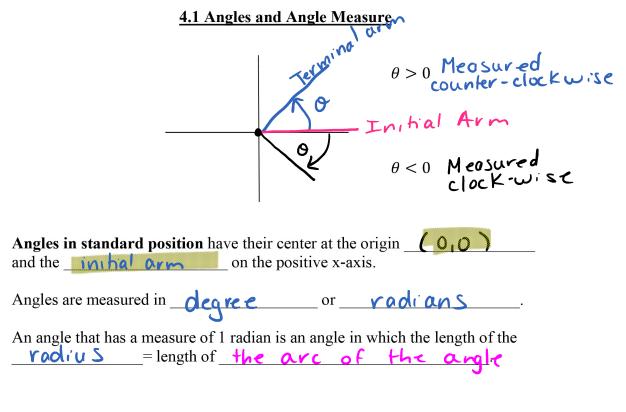
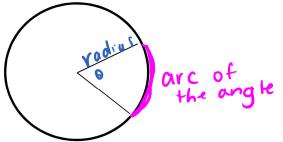
4.1 Angles and Angle Measure

Tuesday, February 21, 2017 10:23 AM

Pre-Calculus 12





	Degrees	Radian Measure
Full rotation of a circle	360°	211
Half rotation of a circle	1 80°	π
¹ / ₄ rotation of a circle	9ര്	π/2

Note: Angles without units are considered radians.

Pre-Calculus 12

Conversion factor degrees and radians:

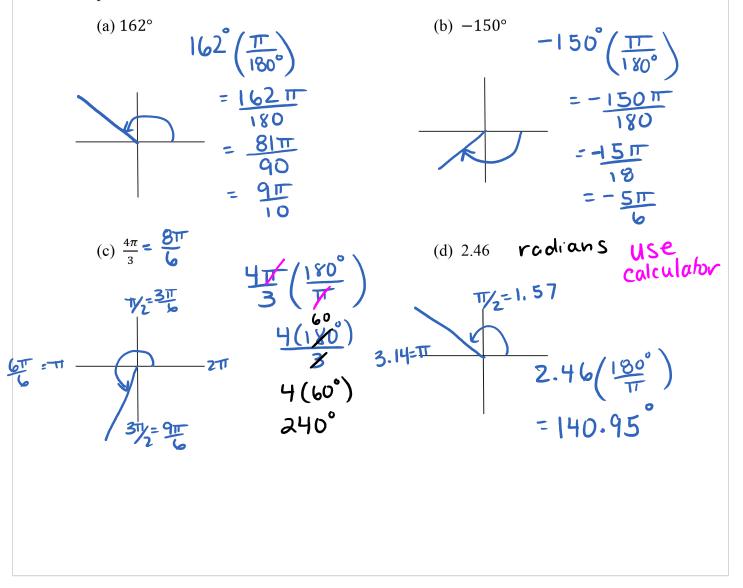
 π radians = 180°

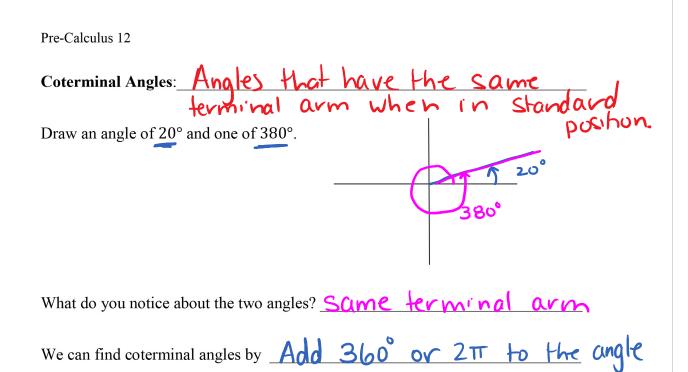
degrees
$$-7$$
 radians
degrees $\left(\frac{\pi}{180^{\circ}}\right)$ = radians

$$radians \rightarrow degrees$$

$$radians \left(\frac{180^{\circ}}{T}\right) = degrees$$

<u>Ex. #1</u>: Convert each angle into degrees or radian. Draw each angle in standard position





<u>Ex. #2</u>: Find two coterminal angles for each given angle. Express your answer in general form.

