

TALK the TALK **Degrees Are Rad Too**

You can use degrees or radians as units of measure to describe angles.

1. Convert each angle in degree measure to radian measure.

a. $500^\circ \quad 500 \cdot \frac{\pi}{180} = \frac{25\pi}{9} \text{ radians}$

b. $390^\circ \quad \frac{\pi}{180} = \frac{13\pi}{6} \text{ radians}$

c. $150^\circ \quad \frac{\pi}{180} = \frac{5\pi}{6} \text{ radians}$

2. Convert each angle in radian measure to degree measure.

a. $\frac{\pi}{10} \cdot \frac{180}{\pi} = 18^\circ$

b. $\frac{7\pi}{6} \cdot \frac{180}{\pi} = 210^\circ$

c. $\frac{14\pi}{15} \cdot \frac{180}{\pi} = 168^\circ$

Central Angle Measures in Degrees and Radians

