

A.1.7 Radians

Key Concepts: Radians
Standardized Units
Materials: Pie model
Set Up Time: 0 minutes
Time Estimate:

Set Up And Display

Show the pie model and give several key relations between radians and degrees.

Explanation

The usefulness of radians as a unit of angle makes them key to many problems of physics. The direct relation of arc length to radius can be made using the units of radians but not degrees. This demonstration helps familiarize students with the relation between units of degrees and radians.

Related Demonstrations: A 1.6