Math 140 – Pre-Calculus Name_____
Section 4.1 Video Worksheet

Angles and Radian Measures

Angles

Θ lies in a quadrant or Θ is a quadrant angle

Standard position

Degrees and Radians of a circle

$1° =$

$90° =$

$180° =$

$1 \text{revolution} =$

Radian

Arc length of a sector

Area of a sector

In radians

In degrees

Linear and angular speed

Average Speed =

Linear Speed

Angular Speed

Relationship between linear speed and angular speed