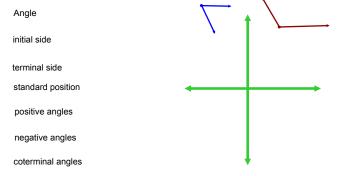
# 1.1 ~ Angles in Degrees and Radians

You will learn to:

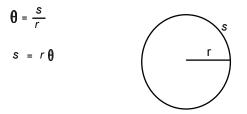
- Describe angles using proper vocabulary.
- Convert between degree and radian measure.

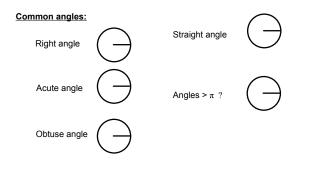
## Angles in degrees and radians

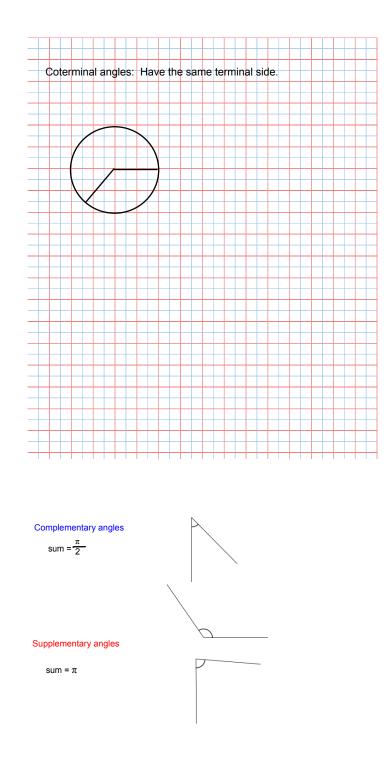


### Radian measure of an angle

A radian is the angle,  $\pmb{\theta}$  that intercepts an arc, s, equal in length to r, the radius of the circle.







#### CONVERTING FROM DEGREES TO RADIANS OR FROM RADIANS TO DEGREES

### $360^\circ = 2\pi$ radians

Convert to radians:	72°	-148°
Convert to degrees:	<u>3π</u>	5π
	12	3

\*\*Radians are a pure number, so if you see no unit of measure, radians are implied.

Return to complementary and supplementary angles

