Name _____ Date _____

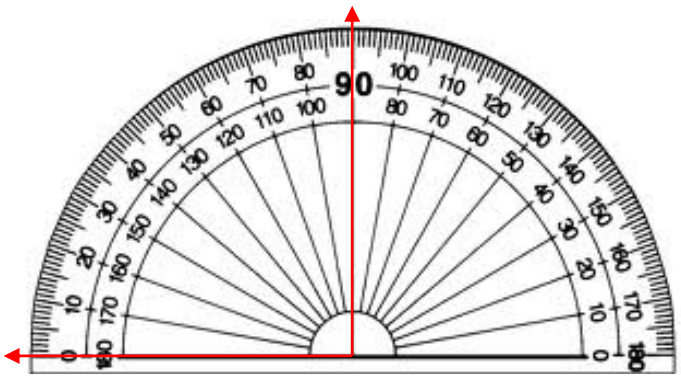
Measure Angles with a Protractor - Guided Lesson Explanation

Explanation to #1

An acute angle measures less than 90°, but more than 0°.

A right angle measures exactly 90°.

An obtuse angle measures more than 90°, but less than 180°.



One ray is already lined up with 0°. Follow the other ray to find the angle measurement.

This angle measures exactly 90°. This angle is a right angle.

Name _____ Date _____

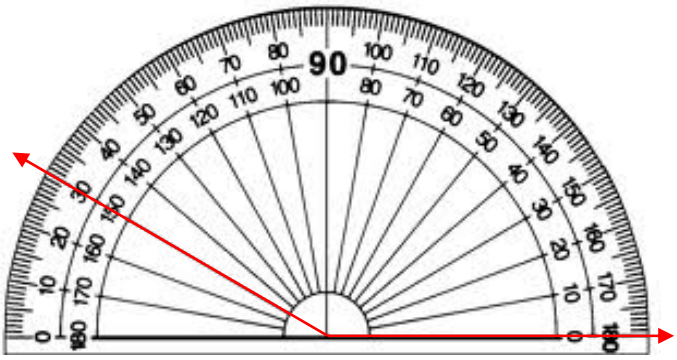
Explanation to #2

Using the same concepts:

An acute angle measures less than 90°, but more than 0°.

A right angle measures exactly 90°.

An obtuse angle measures more than 90°, but less than 180°.



One ray is already lined up with 0° on the inside ring, which is the same as 180° on the outside ring. Read the angle measurement on the inner ring where the other ray crosses the protractor.

This angle measures more than 150°.

150° is greater than 90°

This angle is an obtuse angle.

Name _____ Date _____

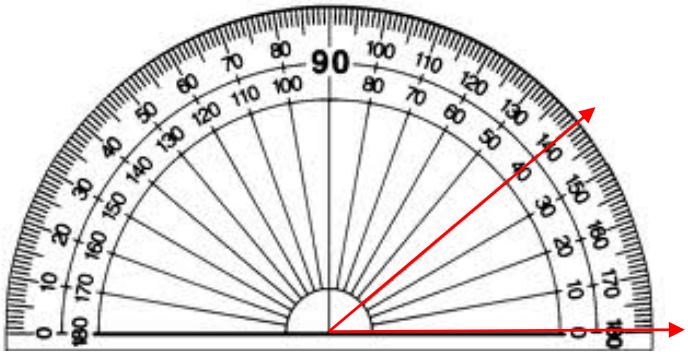
Explanation to #3

One more time, just for fun…

An acute angle measures less than 90°, but more than 0°.

A right angle measures exactly 90°.

An obtuse angle measures more than 90°, but less than 180°.



One ray is already lined up with 0° on the inside ring, which is the same as 180° on the outside ring. Read the angle measurement on the inner ring where the other ray crosses the protractor.

This angle measures less than 40°. This angle is an acute angle.