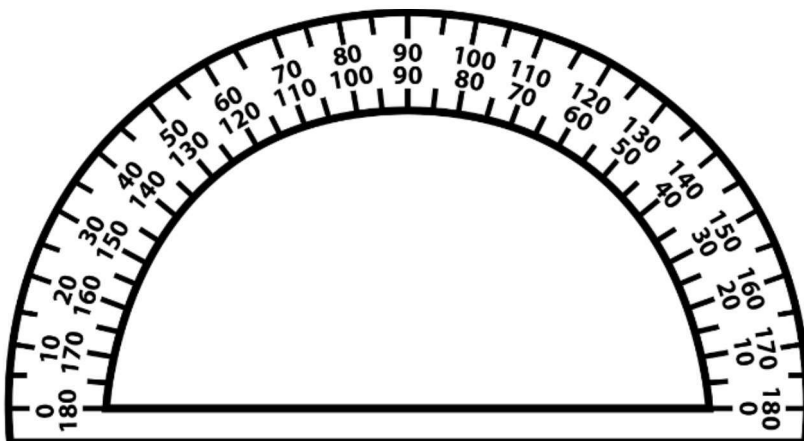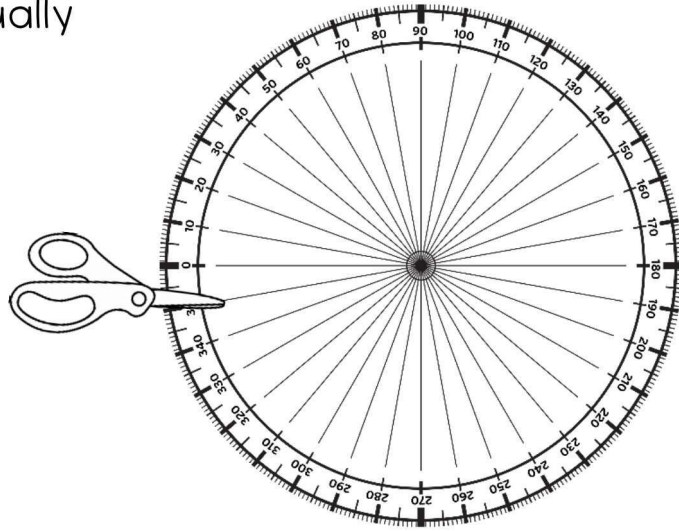# Measuring Angles

Mathematicians cut the full circle protractor in half at 180 degrees to create the protractor we usually use to measure angles.

Think about the circle protractor as a number line that is curved. It starts at 0 and goes all the way to 360.
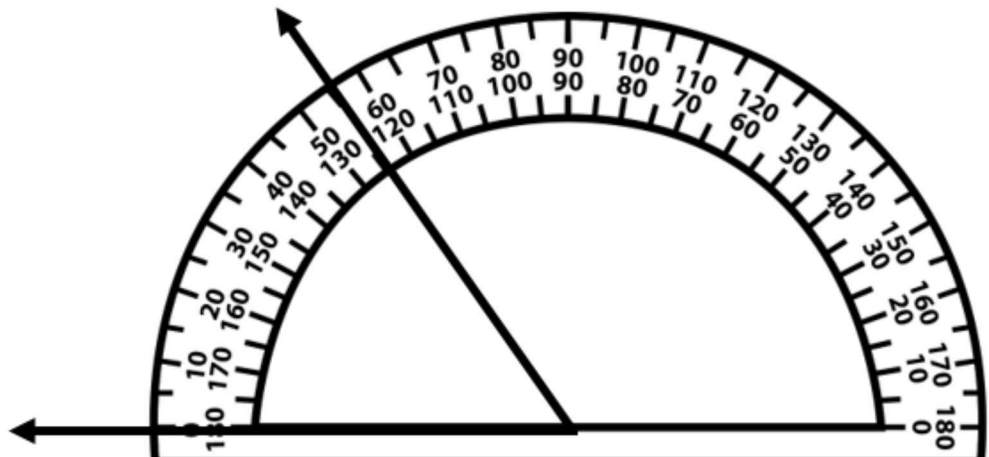
The common protractor has a **number line that goes from 0 to 180 on top.**

Shade these numbers yellow. It also has a "backwards" number line right below. Shade these numbers blue.
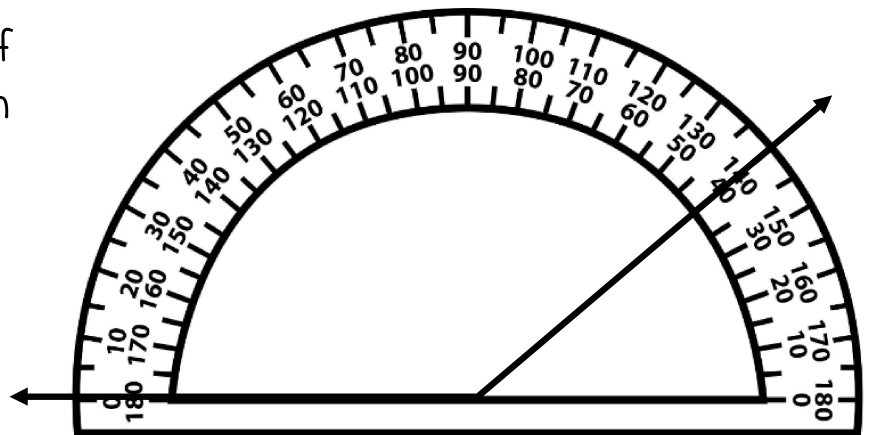
## Label
—each of the 2 <u>rays</u>
-the <u>vertex</u> of the angle
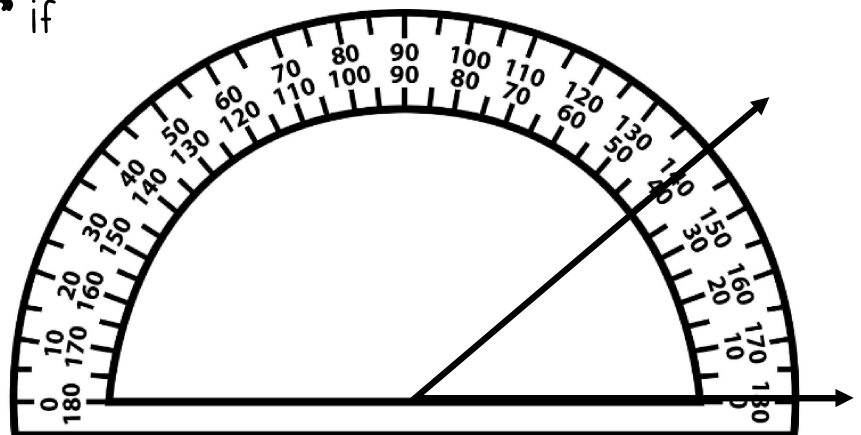-the <u>angle</u> itself
-the <u>zero edge</u> of the protractor

# Which Number do I use?

Use the "top numbers" if one ray passes through the _____

_____

Use the "bottom numbers" if one ray passes through the _____

_____

Another way to think about it.

First find the ray that passes through _____. **Trace that number line**, starting with _____, and follow it until you get to the _____. Use the number _____ _____ to name the measure of the angle.