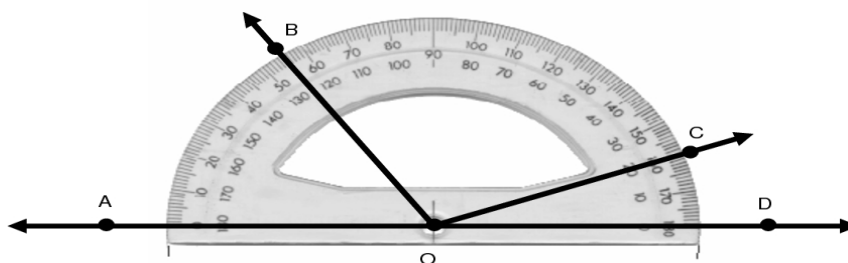### 3-2 Measuring Angles

- Use a protractor (below) to measure angles. The unit of measure for angles is the degree.
  - **TO MEASURE ANGLES:**
    - **Line up center of protractor with vertex of angle.**
    - **Line up one side of angle with $0°$ mark on either side of the protractor.**
    - **Match the other side of the angle with correct number on the scale.**
      - **If you started at the ZERO mark on the RIGHT, use the inside scale.**
      - **If you started at the ZERO mark on the LEFT, use the outside scale**

Find the measure of the following angles.

1) $m\angle AOB =$ _____   2) $m\angle AOC =$ _____   3) $m\angle COD =$ _____

4) $m\angle DOB =$ _____   5) $m\angle AOD =$ _____   6) $m\angle COB =$ _____

- **You may also use a protractor to draw angles.**
  - **Draw a ray.**
  - **Line up center of protractor with endpoint of ray.**
  - **Line up ray with $0°$ mark on one side of the protractor.**
  - **Make a mark near the corresponding degree mark. (Be sure to use the correct scale – INSIDE or OUTSIDE)**
  - **Use your straightedge to connect the mark with the endpoint of the ray. Extend beyond the mark and put an arrow at the end.**