

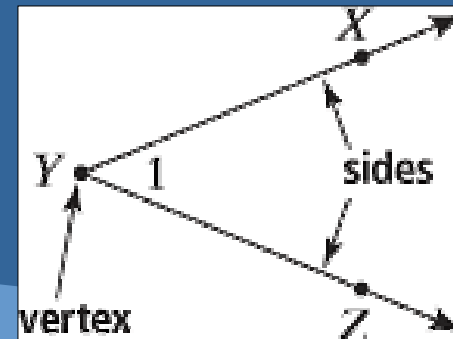
# Angles

Lesson 8-2

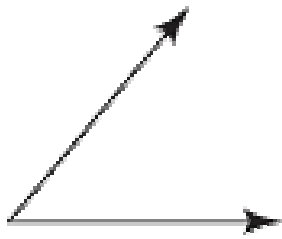


# Vocabulary

- An angle has two sides and a vertex.
- The sides of the angles are rays. The rays share a common endpoint (the vertex)
- Angles are measured in units called degrees.

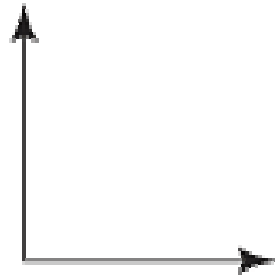


# Types of Angles



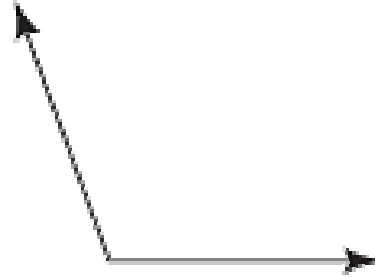
**acute angle**

Measures less than  $90^\circ$ .



**right angle**

Measures  $90^\circ$ .



**obtuse angle**

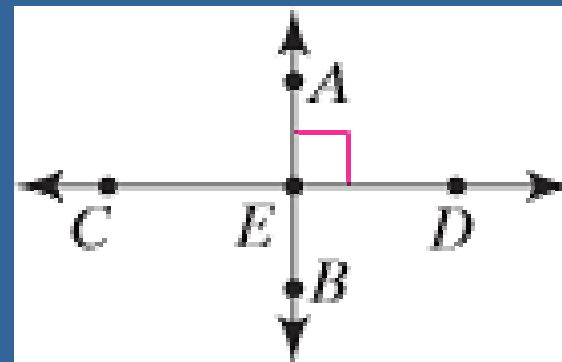
Measures between  $90^\circ$  and  $180^\circ$ .



**straight angle**

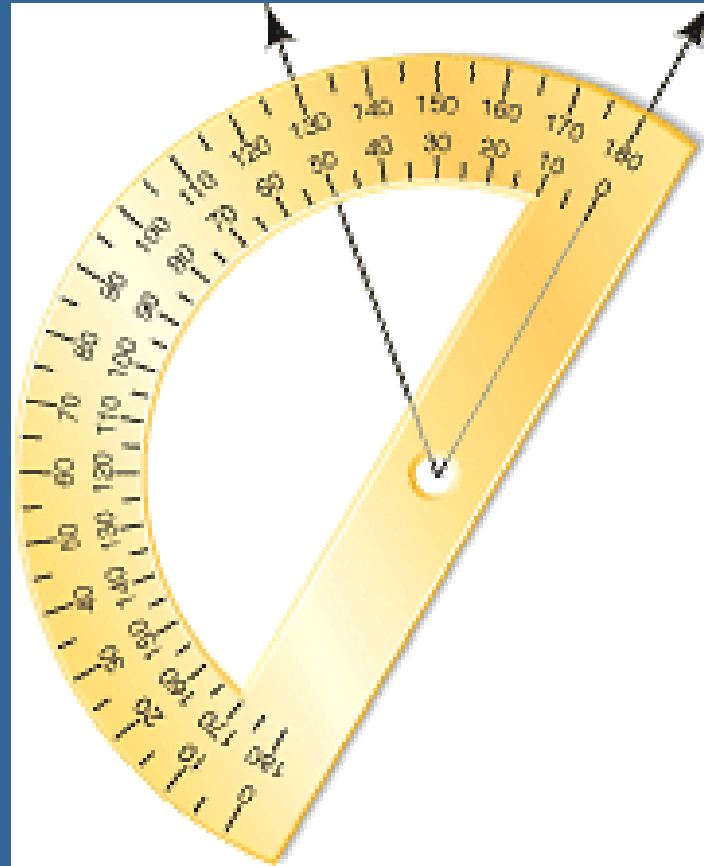
Measures  $180^\circ$ .

When lines intersect to form right angles, then they are classified as perpendicular lines.



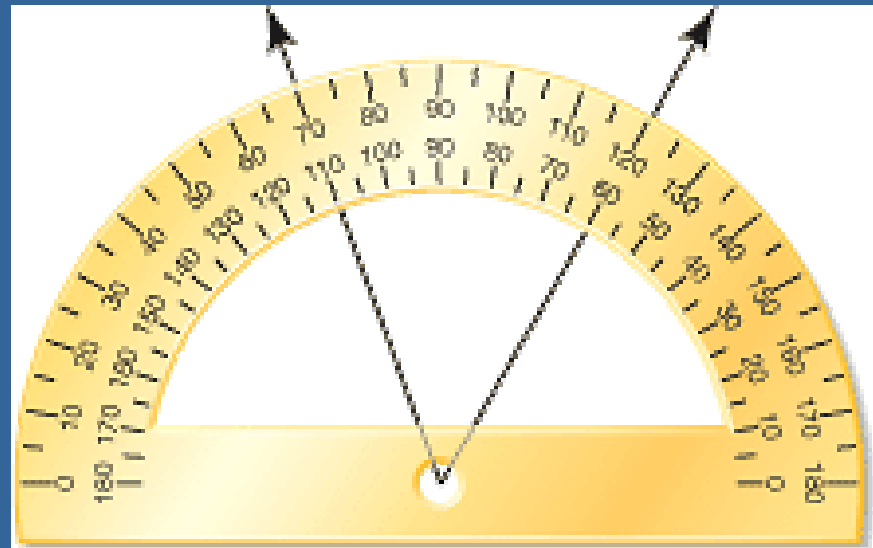
# Measuring Angles

- Place the center point of the protractor on the vertex of the angle and turn the protractor so that one side lines up with 0 on the inner scale.



# Measuring Angles (strategy 2)

- Place the center point of the protractor on the vertex of the angle. Note where both rays cross the protractor. Subtract the two numbers (from the same scale)



# Homework Time

