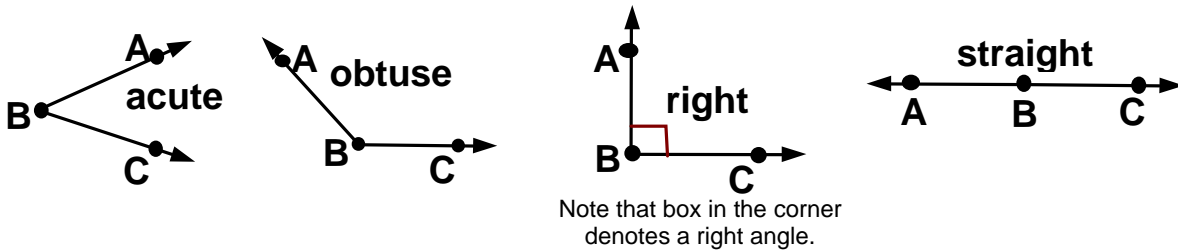


## Section 1.7 Classifying Angles

Angles can be classified into the following four categories: acute, obtuse, right, and straight. These categories are based on the measure of the angle. You must memorize these terms.

Acute	angle is less than $90^\circ$
Obtuse	angle is greater than $90^\circ$
Right	angle is equal to $90^\circ$
Straight	angle is equal to $180^\circ$



Congruent angles are angles that have the same measure.

An Angle Bisector is a ray that bisects an angle into two equal segments.

**Construction of an angle bisector:** Read page 46 to learn how to construct an angle bisector using a compass and a straight edge.