
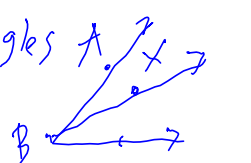



# Sheet 252: Summary of what we know

2 Postulates, 11 Properties, 6 Theorems

find them on Sheet 251

## Definitions of

- right angle      angle that has a measure of  $90^\circ$ .
- perpendicular lines      two lines that form right angles.
- congruent segments      have the same length.
- congruent angles      have the same measure.
- midpoint      If  $M$  is the midpoint of  $\overline{AB}$ , then  $AM \cong MB$
- segment bisector      line that passes through a midpoint. 
- angle bisector      divides an angle into congruent angles 
- complementary angles      measures add to  $90^\circ$
- supplementary angles      measures add to  $180^\circ$
- vertical angles      opposite sides of an X 
- wolf pack

A *wolf pack* is two wolves or is a wolf pack together with a wolf.

$$\angle ABX \cong \angle XBC$$