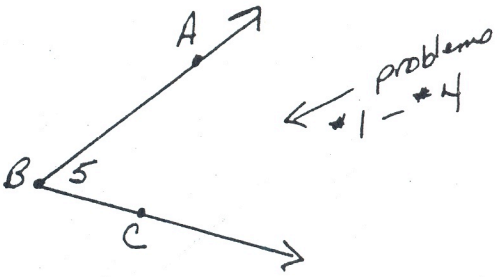
Sheet 3.1 **Introduction to Angles** **Name** _____ **Block** ____

Use your book to define the questions with $$$$

Given: ∠ABC

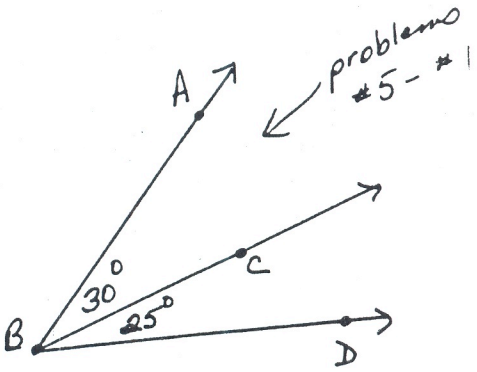


1. Name its vertex: ____ (the point where the two rays intersect)
2. Name the "sides" of the angle
   (its rays - remember the arrows) ____ & ____
3. One name of this angle is ∠ABC. We can also name it ∠ ___ ___ ___,
   ∠ ___, or ∠ ___

******remember - naming the angle with 3 letters is the best way******

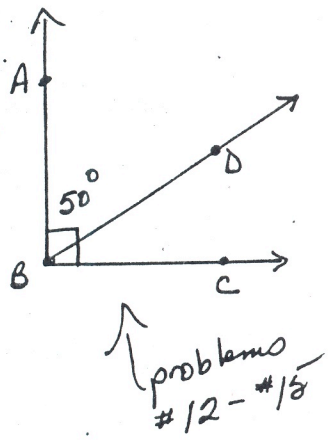
4. Do we have to use the angle symbol???? Yes/no ____

Given: Figure to the right



5. Which angle measures 30°? _____ remember the angle symbol.
6. Which angle measures 25°? _____ remember the angle symbol.
7. Find m∠ABD _____° (find its measure)
8. ∠ABC and ∠CBD are adjacent angles. What ray do they share? _____
   Remember the arrow.
9. Did ∠ABD get bisected by $\overrightarrow{BC}$? Yes/no _____
   Why or why not? _____
10. What are the four classifications of angle measures?
    acute, _____, _____, _____
11. How would we classify ∠ABD? _____ Why? _____

Given: Figure to the right



12. What classification is <ABC? _____ Why? _____
    What does the "box" indicate? ____°

$$$$ 13. Define complementary angles:

14. Why are <ABD and <DBC complementary angles? _____

_____

15. Find m<DBC _____°