

Name Key

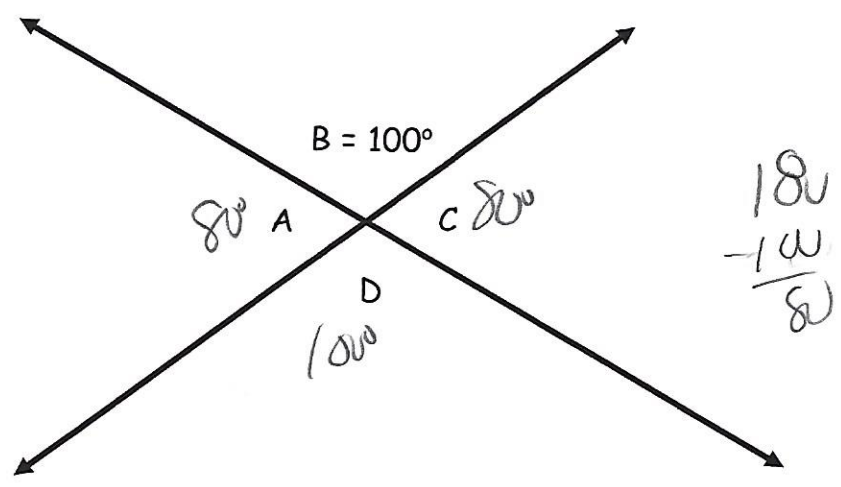
Date \_\_\_\_\_

Mrs. Roubos/Mrs. Haslbauer

8R Period \_\_\_\_\_

Discovery Activity

In the diagram below,  $m\angle B$  is  $100^\circ$ . Use this information and your knowledge of angle relationships (complementary vs. supplementary) to answer the questions that follow.



1. If the  $m\angle B$  is  $100^\circ$ , what is the  $m\angle C$ ?  $80^\circ$

2. Use the  $m\angle C$  from question number 1 to solve for the  $m\angle D$ .  $100^\circ$

3. Use the  $m\angle D$  from question number 2 to solve for the  $m\angle A$ .  $80^\circ$