Practice
2.3 *Definitions*

Write the given sentence in the forms requested. State in your conclusion whether the biconditional statement is true. If it is false, state which part makes it false.

1. I am a high school sophomore in the 10th grade.
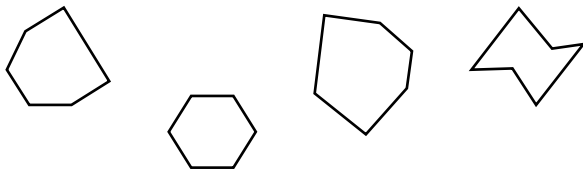
   Conditional statement: _____

   Converse: _____

   Biconditional: _____

   Conclusion: _____

2. A diamond can cut glass.

   Conditional statement: _____

   Converse: _____

   Biconditional: _____

   Conclusion: _____

3. A 130° angle is an acute angle.

   Conditional statement: _____

   Converse: _____
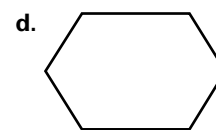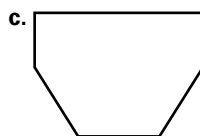
   Biconditional: _____

   Conclusion: _____

These figures are hexagons.   **These figures are not hexagons.**
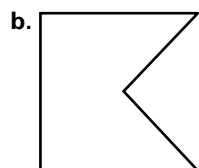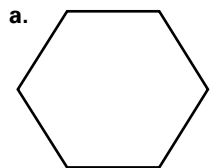
4. Which of the following are hexagons? _____

   a.   b.   c.   d.

5. Write a definition for a hexagon. _____