

CHAPTER 10

Deductive Reasoning

DIRECTIONS: On the line provided write the “logical” conclusion to each syllogism. Then circle whether the conclusion is universally true or false. If it is false, write a reason why it is false.

1. All students must pass the ACT to enter college.
Leith is in college.

Conclusion: _____

True or False Reason: _____

2. Students with a D average are on probation.
Rayne is on probation.

Conclusion: _____

True or False Reason: _____

3. Teenagers have car wrecks.
Chris is a teenager

Conclusion: _____

True or False Reason: _____

4. All tourists travel.
You are a tourist.

Conclusion: _____

True or False Reason: _____

5. Many believe algebra is harder than geometry.
Math I is geometry. Math II is algebra.

Conclusion: _____

True or False Reason: _____