

Introduction to Logic

Exercises: Successive Immediate Inferences

Directions: Assume that the statement “All splitscreens are practicums” is *true*. Use successive immediate inferences to prove the truth values of the following statements.

1. **Some nonpracticums are not nonsplitscreens.**
2. **No splitscreens are nonpracticums.**
3. **All nonsplitscreens are nonpracticums.**
4. **No nonpracticums are splitscreens.**
5. **No nonsplitscreens are nonpracticums.**
6. **All nonpracticums are nonsplitscreens.**
7. **No practicums are nonsplitscreens.**
8. **Some splitscreens are not practicums.**
9. **All practicums are splitscreens.**
10. **Some nonpracticums are splitscreens.**

Note: Detailed answers to these problems are on the Web at <http://philosophy.lander.edu/logic/successive.html>

Be sure you have given the
resultant truth values. Name _____