
For each of the following problems, circle T if the statement is always true and F if the statement is sometimes false. There is no partial credit on this part of the quiz.

1. T F “Yield to oncoming traffic” is a statement.
2. T F “Shrek 2 was the top-grossing movie of 2004” is a statement.
3. T F “Each rational number is a positive number” is a true statement.
4. T F “Some natural numbers are not rational numbers” is a false statement.
5. T F “Einstein was a physicist and π is irrational” is a true statement.

Complete the following problems. Find a (useful) negation of each of the following statements:

6. Some books are longer than this book.

7. No computer repairman can play poker.

8. Shakespeare wrote sonnets and this poem exhibits iambic pentameter.