
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 “James Garfield was president of the United States in 1881” is a statement.
2. T F “Where are you going today?” is a statement.
3. T F “Every natural number is an integer” is a true statement.
4. T F “Some rational numbers are not integers” is a false statement.
5. T F “Einstein was a physicist or π is rational” is a true statement.

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

6. Every dog has its day.

7. Some people have all the luck.

8. Either Shakespeare wrote sonnets or this poem exhibits iambic pentameter.