
For each of the following problems, assume that p is a false statement and q is a true statement. Circle T if the given statement is true and F if the statement is false. There is no partial credit on this part of the quiz.

1. T F $\sim p$
2. T F $p \wedge q$
3. T F $\sim p \vee q$
4. T F $\sim (p \wedge \sim q)$

Complete the following problems. Find a truth table for each of the following:

5. $p \wedge \sim q$

6. $(q \wedge \sim p) \vee \sim q$