Recall the Truth Table for the condition statement $P \implies Q$.

P	Q	$P \implies Q$	
T	T	T	Line 1
T	F	F	Line 2
F	T	T	Line 3
F	F	T	Line 4

Exercise. A variant of Exercise 1.1.5 bcd (so there are parts b, c, and d but not a). §1.1

Let P be the statement "Bella passed every assignment in Calculus I."

Let Q be the statement "Bella received a grade of C or better in Calculus I."

The instructor made the statement $P \implies Q$.

For each scenario below, say

- whether the instructor lied or told the true
- which line number number (from the above Truth Table) the scenario corresponds.

Justify your answer using complete sentences.

b. Suppose that Bella passed every assignment in Calculus I and received a grade of B–.

Put answer here.

c. Suppose that Bella passed every assignment in Calculus I and received a grade of C–.

Put answer here.

d. Suppose that Bella did not pass two assignments in Calculus I and received a grade of D.

Put answer here.