

Answers to Concept Quiz 2.1

1. Consider the following truth table:

P	Q	1	2	3	4	5
T	T	T	T	T	F	F
T	F	T	F	F	F	T
F	T	T	T	F	T	T
F	F	F	T	F	T	F

Which column corresponds to the given compound sentence?

4 $\neg P$

1 $P \vee Q$

2 $\neg P \vee Q$

3 $P \wedge Q$

2 $P \rightarrow Q$