

Name *Solution Key*

UNIVERSITY
OF WYOMING

COSC 2300—Fall 2026

Computer Science

Discrete Structures

Quiz 1

Tuesday, September 10, 2026

Complete the last column in the truth table for $(P \vee Q) \wedge (P \rightarrow R)$. If desired, extra columns may be inserted for intermediate computation, e.g. for $P \vee Q$ and $P \rightarrow R$.

P	Q	R	$P \vee Q$	$P \rightarrow R$	$(P \vee Q) \wedge (P \rightarrow R)$
T	T	T	T	T	T
T	T	F	T	F	F
T	F	T	T	T	T
T	F	F	T	F	F
F	T	T	T	T	T
F	T	F	T	T	T
F	F	T	F	T	F
F	F	F	F	T	F