

# CSE 2321 Homework 1

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AU17

P	Q	R	S	$P \vee R$	$Q \vee S$	$(P \vee R) \Rightarrow (Q \vee S)$	$\neg(P \vee R \Rightarrow Q \vee S)$	$P \Rightarrow Q$	$R \Rightarrow S$	$(P \Rightarrow Q) \wedge (R \Rightarrow S)$	$\neg(P \vee R \Rightarrow Q \vee S) \Rightarrow (P \Rightarrow Q) \wedge (R \Rightarrow S)$
T	T	T	T	T	T	T	F	T	T	T	T
T	T	T	F	T	T	T	F	T	F	F	T
T	T	F	T	T	T	T	F	T	T	T	T
T	T	F	F	T	T	T	F	T	T	T	T
T	F	T	T	T	T	T	F	F	T	F	T
T	F	T	F	T	F	F	T	F	F	F	F
T	F	F	T	T	T	T	F	F	T	F	T
T	F	F	F	T	F	F	T	F	T	F	F
F	T	T	T	T	T	T	F	T	T	T	T
F	T	T	F	T	T	T	F	T	F	F	T
F	T	F	T	T	T	T	F	T	T	T	T
F	T	F	F	F	T	T	F	T	T	T	T
F	F	T	T	T	T	T	F	T	T	T	T
F	F	T	F	T	T	T	F	T	T	T	T
F	F	F	T	T	F	F	T	T	F	F	F
F	F	F	F	F	T	T	F	T	T	T	T
F	F	F	F	F	F	T	F	T	T	T	T