

Quick Hit 4

1. Is the following argument valid or invalid? Make sure to show your work.

1. $p \rightarrow q$

2. $(\sim q) \vee (\sim p)$

$\therefore \sim p$

Goal: $((1) \wedge (2)) \rightarrow \therefore$

p	q	^① $p \rightarrow q$	$\sim q$	\therefore $\sim p$	^② $\sim q \vee \sim p$	$(1) \wedge (2)$	$((1) \wedge (2)) \rightarrow \therefore$
T	T	T	F	F	F	F	T
T	F	F	T	F	T	F	T
F	T	T	F	T	T	T	T
F	F	T	T	T	T	T	T

The argument is valid