

# Quiz 5

1.

x	y	$x \wedge y$	$y \rightarrow x$	$\neg(y \rightarrow x)$	$(x \wedge y) \vee \neg(y \rightarrow x)$
T	T	T	T	F	T
T	F	F	T	F	F
F	T	F	F	T	T
F	F	F	T	F	F

same

2.  $(x \wedge y) \vee \neg(y \rightarrow x)$  is logically equivalent to  $y$ , since they have the same truth table.