

1) Find the truth table for the statement $(p \Rightarrow q) \Rightarrow \neg p$

p	q	$\neg p$	$p \Rightarrow q$	$(p \Rightarrow q) \Rightarrow \neg p$
T	T	F	T	F
T	F	F	F	T
F	T	T	T	T
F	F	T	T	T

2) Rewrite the statement below in "If __, then __" form.

"You can buy the widget unless you don't have money"

"If you buy the widget, then you not don't have enough money"

...

"If you can buy the widget, then you have enough money."

... or equivalently

"If you don't have enough money, then you can't buy the widget"