

MA 125-06 §1.4 - 1.5	Quiz #2	score	Name: _____ 9 September 2000
-------------------------	----------------	-------	---------------------------------

1. Write the contrapositive of the following statement. (6 points)

If I do well in this class, then I will be proud of myself.

-
2. Determine if the symbolic statement $(p \wedge q) \rightarrow (p \vee q)$ is valid (i.e., is a tautology) using a truth table. (7 points)

-
3. Determine if the following argument is valid by converting it to symbolic notation and building a truth table. (7 points)

If the defendant goes to jail, then he is not innocent. If his lawyer is good, the defendant does not go to jail. The defendant goes to jail. Therefore, he is not innocent or his lawyer is not good.