

Math 1303 - Math in the Liberal Arts

Quiz #1 - 2005.08.24

Name: _____

1. Define

p : I cook dinner.

q : You do the dishes.

Write the following sentences in symbolic form.

a) If I cook dinner, then you do the dishes.

b) I will cook dinner and you will do the dishes, or I will not cook dinner.

c) You will do the dishes, or I will not cook dinner and you will not do the dishes.

2. Construct a truth table for the statement $p \wedge q \rightarrow \sim p \vee q$.