

Math 240, Quiz 1

Circle One: T 12:05 T 2:25 R 12:05 R 2:25

Instructions: Answer all questions fully, showing work where necessary.
Construct a truth table for each of these compound propositions:

a) $p \rightarrow \neg p$

b) $(q \rightarrow \neg p) \leftrightarrow (p \leftrightarrow q)$

c) $p \oplus (p \vee q)$