

# MAT 200, Quiz 1

June 2, 2011

Your name: \_\_\_\_\_ ID number \_\_\_\_\_

(1) Write the truth table for the formula  $P \text{ AND } (Q \text{ OR NOT } R)$

(2) Write the following statement

“To be a member of the local school board, you must be a resident of the town and a citizen or permanent resident of the USA”

using the following elementary statements and logical connectives:

A: you can be a member of the local school board

B: you are a resident of this town

C: you are a US citizen

D: you are a permanent resident of the USA