CSCI 211 Spring 2009
Quiz 8
Assigned Wednesday, 09-04-03

1. Show that {NAND} is a complete set of gates by showing how it can be used to realize NOT, AND, and OR. Show this just for 2-input gates.

   Answer: See Figure 7.10 in book.

2. {OR, NOT} is a complete set of gates. True or false?

   Answer: True. When OR and NOT are available, AND can be obtained by applying DeMorgan's law: XY = (X'+Y')'