HOMEWORK 3
DISCRETE MATHEMATICS I
DUE 01-29

Show your work!

(1) You can do parts (a) and (b) in either order; start with the one that you find easier.
- (a) Write the negation of "It is raining or it is hot, but not both" as an English sentence. Negate as much as possible.
- (b) Write the negation of $p \oplus q$ symbolically. Negate as much as possible.

- **Ten** book problems: #1.1.72, 73, 74, 80, 82; #1.2.37, 38, 40, 43, 44.