Due Monday, June 27.

Please read my policies concerning homework on the course website: http://www.cs.duke.edu/courses/summer11/cps130/.

Max-Flow

**Problem 1** (15 points) Do problem 7.10 in the book.

**Problem 2** (20 points) Do problem 7.18 parts (a) and (b) in the book.

NP-Complete Problems and Reductions

**Problem 3** (20 points) Do problem 8.2 in the book.

*Problem 4* (20 points) Do problem 8.5 in the book.