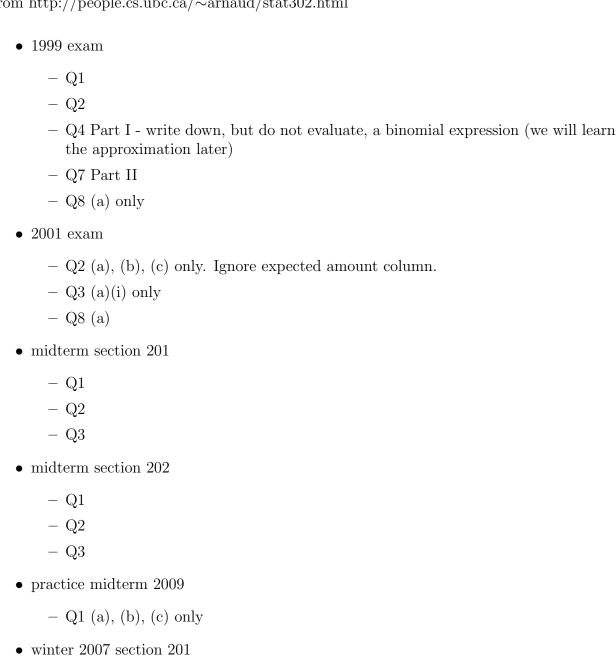Math 302.102 Fall 2010
Practice Problems for Midterm 1

The following problems are suitable as practice for Midterm 1 and are accessible via links from http://people.cs.ubc.ca/∼arnaud/stat302.html

- 1999 exam

  - Q1
  - Q2
  - Q4 Part I - write down, but do not evaluate, a binomial expression (we will learn the approximation later)
  - Q7 Part II
  - Q8 (a) only

- 2001 exam

  - Q2 (a), (b), (c) only. Ignore expected amount column.
  - Q3 (a)(i) only
  - Q8 (a)

- midterm section 201

  - Q1
  - Q2
  - Q3

- midterm section 202

  - Q1
  - Q2
  - Q3

- practice midterm 2009

  - Q1 (a), (b), (c) only

- winter 2007 section 201

  - Q3

- winter 2007 section 202

  - Q3

- 2002 midterm

  - Q1
  - Q3
  - Q4: just compute $P(X > 2)$

- Assignment 1

  - Q1: suitable, but tedious
  - Q5
  - Q6
  - Q7: suitable, but technical
  - Q8

- Assignment 2

  - Q8 (a) and (b) only: Use exponential density with $\lambda = 1/100$. We will learn about "mean" later.