Due: Friday, January 18th (in class; e-mail by 10:29 am)

References are to the course textbook (Baker, 3rd edition), except as noted.

Reading

If you haven't already, please read Chapter 1.

For Wednesday, January 9th, Chapter 2, Section 1

For Friday, January 11th, Chapter 2, Section 2.

For Wednesday, January 16th, Chapter 2, Sections 3 and 4.

For Friday, January 18th, to the end of Chapter 2.

Assignment exercises to hand in

Questions 1 and 2 must be solved in an `Excel` spreadsheet, and must be accompanied by well-written solutions. Please submit your answers directly to the teaching assistant by e-mail (`shanweny` at `sfu` dot `ca`). All file names should begin: `math_208W_1191_name_hw1_q1` (or `q2`) where `name` is your family name. Submit one .pdf and one Excel file per question in a single e-mail. If you prefer, you may submit a single .pdf file for the 2 questions.

1. Exercise 1.3.

2. Exercise 2.3.

Question 3 requires detailed written answers, typeset in LaTeX. You should also provide details of how you solved the problems, by spreadsheet or other means.

3. Case 3.2 from Hillier and Lieberman's "Additional Cases". This will be found in the course Canvas site.

4. Write a (maximum) one page "mathematical autobiography" about your previous experiences with mathematics, inside and outside the classroom. This may include your mathematical goals for this course and beyond.

Some other exercises you should try

5. The remaining exercises from Chapter 1.

6. Formulation problems are also available on the Web, such as the following solved problems authored by J.E. Beasley: `http://people.brunel.ac.uk/~mastjjb/jeb/or/lpmore.html`.