

Due: Wednesday, January 17th (at the start of class)

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

## Reading

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

For Monday, January 8th, Chapter 2, Section 1

For Wednesday, January 10th, Chapter 2, Section 2.

For Monday, January 15th, Chapter 2, Sections 3 and 4.

For Wednesday, January 17th, 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 ([imartine at sfu dot ca](mailto:imartine@sfu.ca)). All file names should begin: `math_208W_1181_name_hw3_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 1.7.
2. Exercise 2.3.

Question 3 requires detailed written answers, typeset in  $\text{\LaTeX}$ . 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.

## Some other exercises you should try

4. The remaining exercises from Chapter 1.
5. 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>.