

For the regular exam (in class) know the following types of exercises. The data (numbers, letters, functions, graphs, tables, etc.) in the exercises may be changed. **You can bring two handwritten crib sheets (standard letter size 8.5" x 11").** Nothing typed or photocopied from the book on the crib sheets.

### Examples from the book

**Chapter 4:** Sec. 4.4: Examples 3, 5, 9. Start at page 278

**Chapter 5:** Sec. 5.1: Example 3. Starts at page 318; Sec. 5.4: Examples 2, 3 (trace). Start at page 361

**Chapter 6:** Sec. 6.2: Example 6. Starts at page 402; Sec. 6.4: Examples 2, 4. Start at page 416;

Sec. 6.5: Example 3. Starts at page 424

**Chapter 7:** Sec. 7.1: Examples 2, 4, 7, 8. Start at page 446; Sec. 7.2: Examples 2, 3, 5, 8, 9, 10, 11, 12.

Start at page 456; Sec. 7.4: Examples 1, 2, 3, 4, 14, 15, 16, 17. Start at page 479

**Chapter 8:** Sec. 8.2: Example 3. Starts on page 516; Sec. 8.4: Example 3. Starts on page 554

*(The last two chapters on relations and graphs have easier material if you attend class!)*

**Chapter 9:** Sec. 9.1: Examples 4, 5, 6, 7, 10 (refers to 7), 14 (refers to 5), 20. Start on page 574; Sec. 9.2:

Examples 13. Starts at page 589; Sec. 9.3: Example 10. Starts at page 595

**Chapter 10:** Sec. 10.2: Examples 1, 3, 4. Start at page 652; Sec. 10.5: Examples 2, 4, 5, 6. Start at page 694

### Self-assessment questions

[http://highered.mheducation.com/sites/0073383090/student\\_view0/self\\_assessments.html#](http://highered.mheducation.com/sites/0073383090/student_view0/self_assessments.html#)

Quantified Statements

Conditional Propositions

Induction

Counting