The class notes will be revised and updated throughout the semester.

0. Sheet 0

Chapter 1 is a review of the basic definitions relevant to formulas and their interpretation in structures. Please read it, and make sure you can answer the exercises. (Not to be handed in.)

1. Sheet 1

To be handed in Monday of week 2 (by 10 AM please.)
1.23,1.24,1.25, 3.11, 3.12.

2. Sheet 2

Please read §3 and §4 of the text; think through any unproved assertions (including Lemma 3.4 and exercises 4.1,4.5,4.9).
3.3, 4.6,4.10,4.11,4.12.
To be handed in by 10AM, Monday of week 5.
Optional: 4.13 , 4.14.

3. Sheet 3

For the classes of Week 7.
4.22, 5.5, 5.8, 5.14, 5.15
5.16 (if not covered in class.)
5.17

4. Sheet 4

Not to be handed in; solutions will be posted during Week 0.
6.2, 6.5, 7.13,7.14,7.19
Prove Proposition 7.3.
8.4 (the definition of *small* is on p. 57, of *universal* on p 64.)

Optional:
5.18 , 7.11, 7.15, 7.16
Prove the Proposition following Cantor's theorem.