

Homework Assignment for Week 01

Assigned Sep 14, 2006.

1. Section 2.2: problems 25, 55, 72(b).
2. Section 2.3: problems 24, 34, 40, 46. Chap 2: problems 41, 42, 53.
3. State (need not prove) the ' $x \rightarrow c^+$ ' and ' $x \rightarrow \infty$ ' versions of the Sandwich Theorem.
4. Section 2.4: problems 54, 55, 56, 57. Chap 2: problems 69, 70.
5. Read section 2.5 in advance. This is the most difficult section in the first 2 months!
6. For those of you who are really not confident about your high school mathematics, pick some among section 2.3 problems 1-22, 35-40, section 2.4 problems 37-48 and practice yourself. Normally you don't need this.