Problem Set 2 **SE4I03 Fall 2003**

1. 3.1.1–5
2. 3.2.1–6,8
3. 3.4.1–5
4. 4.1.1,2 (For the languages in 4.1.1, use both the "Pumping Lemma" and the "Myhill-Nerode Theorem," to show that the languages are not regular.)
5. 4.2.1
6. 4.3.1–5
7. 4.4.1,2