

**Homework 8 - Math 141, Frank Thorne (thornef@mailbox.sc.edu)**

- (a) What is L'Hopital's rule?
- (b) Give an example, other than that given on p. 257, of a situation where the hypotheses of L'Hopital's rule are not satisfied and where it gives the wrong result.
- (c) Thomas, 4.5, 7-14, 51-58, 67-74 (even required, odd additional).
- (d) Thomas, Ch. 4.6, 1-12, 37-42, 45-53, 59 (even required, odd additional).