

**Assignment #09 – MATH 1401**  
Spring 2006

Kawai

Name: \_\_\_\_\_

- Attach this cover sheet to this assignment.
  - Use engineering pad paper! Please leave some room for corrections/comments!
  - Give enough information about the problem so that the grader does NOT need to refer back to the text!
  - Turn in the following:
    - Section 3.3: #12, 14, 20, 22, 24, 30.
    - Section 3.4: #14, 16, 40.
    - Section 3.5: #35. [worth 2 pts.]
      - There are no vertical asymptotes. You must find all critical numbers and use the appropriate tests to find the local extrema.
      - You will probably need some technology to find the location of the inflection points. Give decimal approximations for these.
- Section 3.5: #52, 74.