

## Math 251: Problem Set 10

Due: November 11, 2008

- Section 4.8: 3, 5, 9, 11, 23, 31, 41

For the Matlab, just write down the Newton step; i.e. fill in  $f(x)$  and  $f'(x)$  in

$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$

- Section 4.9: 1, 3, 9, 21(Matlab), 25, 31, 41, 43, 49, 51 59, 63, 69
- STUDY! ☺