

AME 60611

Homework 3

Due: Friday 13 September 2013, in class

1. Kaplan, p. 628: 1a,f; plot $y(x)$ for each
2. Kaplan, p. 629: 9c
3. Kaplan, p. 633: 6e; plot $y(x)$ if $y(0) = 0, y'(0) = 1, y''(0) = 0, y'''(0) = 0, y''''(0) = 0$.
4. Kaplan, p. 634: 10
5. Course notes, 1.7
6. Course notes, 1.12
7. Course notes, 2.7
8. Course notes, 2.9f
9. Course notes, 3.11
10. Course notes, 3.13