

AME 60611

Homework 3

Due: Monday 17 September 2007, in class

1. Kaplan, p. 628: 2a,c; plot $y(x)$ for each
2. Kaplan, p. 629: 9b
3. Kaplan, p. 633: 6d; plot $y(x)$ if $y(0) = 1, y'(0) = 0, y''(0) = 0, y'''(0) = 0$.
4. Kaplan, p. 634: 9d; plot $y(x)$ if $y(0) = 1, y'(0) = 0$.
5. Course notes, p. 46, 1.8
6. Course notes, p. 47, 1.10
7. Course notes, p. 67: 2.6
8. Course notes, p. 67: 2.9h
9. Course notes, p. 88: 3.10
10. Course notes, p. 88: 3.14