

**MA113 Homework #7**  
**Due Monday, October 1, 2001**

1. Exercises 2.3, Look at all the examples in this section, but study example 1 carefully in particular. #2, 6, 8, 12, 14.
2. Exercises 2.4, #2, 10, 14, 16, 18, 22, 24, 28, 34, 38, 42, 44, 46, 48, 54. (Lots of derivative practice.)
3. Exercises 2.5, #4, 8, 12, 16, 20, 24, 28, 32, 34, 38, 44, 48, 50, 68, 71, 72. (More derivative practice.)

Look at the course webpage to see examples of taking derivatives, comparing two expressions to see if they are equal, and taking some trigonometric limits with Maple.