Homework #8, Math 58

due December 10, 2012

1. Problem 1 of Section 5.1.

2. Problem 6 of Section 5.1.

3. Problem 7 of Section 5.1.

4. Problem 1 of Section 5.2.

5. Problem 3 of Section 5.2.

6. Problem 4 of Section 5.2.

7. Problem 5 of Section 5.2.

8. Problem 6 of Section 5.2.

9. Problem 7 of Section 5.2.

10. Calculate the first 6 terms of the continued fractions expansion of $\sqrt{2}$ and find the convergents.