(Math 170) Homework 7:

Due November 6, 2008

| Exercise 1: | What is 1000 base 10 equal to base 8? What is it equal to base 4. What is it equal to base 2? |
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| Exercise 2: | <u>Heart of Mathematics</u> Chapter 2.6 Exercise 8 |
| Exercise 3: | <u>Heart of Mathematics</u> Chapter 2.6 Exercise 23 |
| Exercise 4: | <u>Heart of Mathematics</u> Chapter 2.6 Exercise 28 |
| Exercise 5: | <u>Heart of Mathematics</u> Chapter 2.6 Exercise 29 |
| Exercise 6: | <u>Heart of Mathematics</u> Chapter 2.6 Exercise 30 |
| Exercise 7: | <u>Heart of Mathematics</u> Chapter 2.6 Exercise 40 |

 $\underline{\text{Exercise 8: }}\underline{\text{Heart of Mathematics}}\text{ Chapter 2.7 Exercise 22}$

Exercise 8: Heart of Mathematics Chapter 2.7 Exercise 30