

**Calculus II**  
**Homework Nine**  
**Due Friday, March 8, 2013**

**Chapter 8.6:**

1. 7
2. 12 (Optional)
3. A certain set of solar cells will produce 20 kWh of energy a day. In Maine one kWh is worth about 17 cents.
  - (a) What is the present value of the income stream provided by the solar cells? Assume that the solar cells will operate for 15 years.
  - (b) What is the present value of the income stream if the solar cells operate forever?

**Chapter 9.1:**

1. 2
2. 4
3. 8
4. 10
5. 14
6. 20–28, even only
7. 56 (Optional, but recommended for Fibonacci enthusiasts)

**Chapter 9.2:**

1. 11
2. 12
3. 18
4. 20
5. 31