Math 100 — Homework Assignment 10, due Oct. 30, 2012

1. Read Section 2.5 in Devlin's "Sets, Function and Logic" and Chapter 3 in Gower's "Mathematics: A Short Introduction"

2. Do the following problems in Section 2.5:

   - 1(a,b,c,g), 5(a,b,d), 7(b,c), 8(b)

   Note that Problem 7c contains a typo. It should read: $\sum_{r=1}^{n} 2^r = 2^{n+1} - 2$.