Homework 3
Math 130 - Due Feb. 10, 2011

Written Problems from P&B:

Section 2.2 (p.51) # 1, 2, 4
Section 2.3 (p.56) # 2 (this is long, it has 8 parts)
Section 3.1 (p.62) # 1, 2, 4ab, 5
Section 3.2 (p.65) # 1, 3, 4, 8, 9

To be done as a 30-minute quiz. Please show all your work, you will be graded on the presentation of your solutions as well as the mathematics involved.

1. Write a teacher's solution to problem 8 on page 40 of Primary Mathematics 4A. You will be graded on clarity, conciseness, and presentation as well as correct mathematics.

2. Suppose that a student turns in the following work:

$$
\begin{array}{ccccc}
 & 1 & 3 & 2 & 4 \\
- & & 1 & 5 & 9 \\
\hline
 & 1 & 2 & 3 & 5 \\
\end{array}
$$

   (a) Describe an algorithm that the student could have used.

   (b) Come up with a subtraction problem that the algorithm you found in (a) would generate a correct answer for. You do not need to do the problem.