

## Math 1010 August 28, 2006 Homework 1

From your text do 1.1 # 23-43 odds, 53, 65\*. You don't need to turn these in.

\* An optional but interesting problem.

Do these below, and turn this sheet in.

1. Write 0.518 as a fraction.

2. Remove the absolute value symbol, but do not replace the symbols with decimal approximations. To do this, first figure out the sign of the number inside the absolute value bars.

$$|\pi - \sqrt{10}|$$

3. Simplify:  $\frac{2}{7} - \frac{3}{5}$

4. Find a set of values for the numbers a, b, and c so that the following is true.

$$2a + 3b = 1 + c$$

There are infinitely many answers. Just find one.