1 Estimation

Problem 1. For each of the following problems, decide whether an overestimate or an underestimate is better, and estimate the answer. Make sure that you describe how you came up with your estimate and how you made sure that the error was in the correct direction.

(a) Alice arrives at the grocery store with $27.45 in her wallet, and she wants to buy as many watermelons as possible with that money. If each watermelon costs $4.67, how many watermelons should she put in her cart?

(b) Bob is planning to paint a large fence. He determines that a single bucket of paint is enough for 17 feet of fencing. If the fence is 237 feet long, how many buckets of paint should he buy?
2 Long Division

Problem 2. Write out the full long division algorithm for each of the following problems.

(a) $2837 \div 8$

(b) $78022 \div 17$

3 Reading Assignment

Midterm 1 is coming up, so make sure that you understand all of the material in chapters 1-3. You should also go through the sample problems in the review packet posted on my webpage. Let me know if you still have any questions about the material!