

Homework 3 – Due Wednesday February 2

You may talk to one another, you may consult any textbook, and you may talk to me.

1. Read sections 1.6, 1.7, 2.1, 2.2, 2.3 of the Parker-Baldrige textbook, and for each section write down FIVE-to-TEN keywords or sentences, which taken together give a very short summary of the section. For example for Sec. 1.2: “bundle sizes are called *denominations*”, “if necessary one rebundles to ensure that there are at most 9 bundles of each denomination”, “chip model”, “expanded form”, “tens combination”, simple vs. complex regrouping.
2. Do the odd-numbered exercises from the Homework Set 6 on page 36, from the Homework Set 7 on page 47, from the Homework set 8 on page 51, and from the Homework set 9 on page 56.
3. Parenthesis challenge (try this mentally, otherwise use paper-and-pencil, do not use a calculator under any circumstance):

$$4 + (26 - 8) \times 5 - (4 + 6) \times 6 + 2 \times 18 =$$

$$\{(819 \div 13) \times (1164 \div 291) \div [474 - 42 \times 11]\} - [319 - (447 - 248)] \div 6 =$$