

Homework 9 – Due Wednesday March 30

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

1. Read 6.1, 6.2 of the Parker-Baldrige book, and for each section write down FIVE-to-TEN keywords or sentences, which taken together give a very short summary of the section.
2. Do the odd-number exercises from HW 24 on p. 137, from HW 25 on p. 142.
3. Simplify the following fractions until numerator and denominator are relatively prime:

$$\frac{990}{1170}, \frac{792}{1044}, \frac{528}{1188}, \frac{888}{1332}, \frac{625}{4375}$$

4. Parenthesis challenge (use paper-and-pencil, do not use a calculator under any circumstance). Show the steps.

$$\left[\left(\frac{5}{4} - \frac{5}{12} \right) \times \left(\frac{7}{10} - \frac{8}{15} \right) - \frac{2}{9} \times \frac{1}{8} \right] \times \left(\frac{4}{3} + \frac{7}{6} + 2 \right) =$$