

MATHEMATICS FOR ELEMENTARY EDUCATION I (MATH 151)
SPRING 2015
GROUP WORK II

PART I

Carefully define what a fraction is and how to perform the 4 basic operations with fractions. Where appropriate you should discuss which definition of the basic operations are relevant. You should also justify that the resulting algorithms are correct.

PART II

Carefully explain how to adapt the 4 basic operations to decimal numbers and justify that the resulting algorithm is correct. You may assume that correctness of the standard algorithms for the basic operations.

PART III

Write complete solutions to 15 of the problem solving exercises. At least 5 of these exercises need to come from the book and at least 5 of these exercises need to come from supplemental problem solving exercises you received.

INCLASS

Present at least four of the problem solving problems to the class over the next four class sessions. You may not present more than one problem from any section in the book and at least one of the four problems must be from the supplemental problem solving exercise. Time an opportunity permitting groups may have the opportunity to present more than 4 problems in total to increase their overall grade.

A cleanly written paper copy of your group work is due before the exam April 21st.
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