
Math Mammoth Introduction to Fractions

Contents

Introduction	4
Dividing into Two Parts - Halves	6
Fourths and Other Parts	8
Practice with Parts	10
Understanding Fractions	13
Mixed Numbers 1.....	16
Mixed Numbers 2.....	20
Add and Subtract Fractions with the Same Kind of Parts	24
One Whole and Its Fractional Parts	28
Adding Like Fractions.....	30
Adding Mixed Numbers	33
Subtracting Fractions and Mixed Numbers	36
Equivalent Fractions	38
Comparing Fractions	41
Practicing with Fractions	43
Part of a Whole Group	46
Finding Parts with Division	49
Finding Fractional Parts Using Division	52
Fractions Review	55
Review	56
Answers	57
More from Math Mammoth	75

Introduction

Math Mammoth Introduction to Fractions contains fraction-related material suitable for approximately grades 2-4. This material does not include division or multiplication of fractions, nor adding unlike fractions. The lessons are mostly simple, introductory lessons to various fraction topics.

The one exception to the “easiness” is the topic of finding fractional parts of a whole using division. These lessons are in the end of the book. I have included them here since I have included the topic in my *Math Mammoth Grade 4 Complete Worktext* (Light Blue Series), and they are accessible for children in 4th grade who have practiced single-digit division and long division.

Other than that, the topics covered are on a simple level, constantly illustrated with pictures, and with small denominators. The presentation avoids spelling out specific rules for manipulating fractions, but instead relies on the usage of pictures on a very concrete level.

The topics covered are

- one-half and fourth parts
- concept of a fraction
- concept of a mixed number
- adding and subtracting like fractions
- adding and subtracting mixed numbers with like fractional parts
- equivalent fractions with pictures
- comparing fractions - special cases.
- finding fractional part of a whole using division

The lessons proceed so that the first two are suitable for second grade, and the rest are suitable for third or for fourth grade.

The answers are in the back of the book.

I wish you success in your math teaching!

Maria Miller, the author