

---

# Contents

Introduction .....	5
--------------------	---

## Division

Division Concept 1 .....	6
Division Concept 2 .....	7
Division Situations .....	8
Part of a Whole .....	9
Divide by Ten and Hundred .....	10
Long Division 1 .....	11
Long Division 2 .....	12
Long Division 3 .....	13
Long Division 4 .....	14
Remainder 1 .....	15
Remainder 2 .....	16
Divisors = Factors 1 .....	17
Divisors = Factors 2 .....	18
Divisors = Factors 3 .....	19
Dividing Money .....	20
Problems With Parts .....	21
Order of Operations / Estimating .....	22

## Geometry

Parallel & Perpendicular Lines .....	23
Angles .....	24
Classify Triangles by Angles .....	25
Classify Triangles by Sides And Angles .....	26
Quadrilaterals Puzzle .....	27
Polygons 1 .....	28
Polygons 2 .....	29
Polygons 3 .....	30
Circles .....	31
Transformations .....	32
Flip/Turn/Slide .....	33
Congruent Figures/Transformations .....	34
Symmetry/Flips .....	35
Coordinate System .....	36

## Geometry (cont.)

Area of Rectangles .....	37
Area vs. Perimeter .....	38
Area and Perimeter .....	39
3-D Figures .....	40
Solids .....	41
Review 1 .....	42
Review 2 .....	43
Review 3 .....	44

## Fractions and Decimals

Fractions .....	45
Mixed Numbers .....	46
Adding Fractions and Mixed Numbers 1 .....	47
Adding Fractions and Mixed Numbers 2 .....	48
Fractions to Mixed Numbers .....	49
Equivalent Fractions .....	50
Comparing Fractions .....	51
Part of a Whole 1 .....	52
Part of a Whole 2 .....	53
Tenths .....	54
Adding Tenths .....	55
Hundredths .....	56
Add Hundredths .....	57
Add and Subtract Decimals .....	58
Using Decimal Numbers .....	59

## Probability, Time, and Data Analysis

Probability .....	60
Elapsed Time 1 .....	61
Elapsed Time 2 .....	62
Bar Graphs 1 .....	63
Bar Graphs 2 .....	64
Line Graphs .....	65
Analyzing Data 1 .....	66
Analyzing Data 2 .....	67
Review 1 .....	68
Review 2 .....	69
More from Math Mammoth .....	70

---

# Introduction

*Math Mammoth Grade 4-B Worksheets Collection* has been created with teachers' needs in mind: each worksheet is exactly one page, concentrating on one topic (with the exception of some "review" worksheets); therefore is easy to assign for students.

These aren't your 'run-of-the-mill' worksheets. Each worksheet has been "hand-crafted", with varying problems that both emphasize the understanding of concepts and the practice of computation. Word problems are numerous. In essence, the problems in the worksheets are like what you would find in a regular math book, and far from the mechanical worksheets created by a script.

This latter half of grade 4 has four sections: division, geometry, fractions, and statistics.

The division section contains some worksheets for the concept of division, as a review from third grade; long division and the remainder are in focus, thus the various sheets. To study factors (or divisors) of numbers between 0 and 100, there are charts for students to fill in

In geometry, students are learning about acute, obtuse, and right angles, how to classify triangles, about various polygons and how to draw them. They study congruent shapes and how shapes are transformed (flip - turn - slide). Then, there are sheets for the area of rectangles and for the perimeter.

Fraction topics are still largely dealt with through the help of pictures so as to encourage understanding of fractions instead of relying on the mechanical following of rules. There are sheets for fractions and mixed numbers, adding/subtracting those, plus equivalent fractions and comparing them.

Decimals sheets only deal with simple topics of tenths and hundredths, and adding or subtracting them.

The last section has some probability, statistics (data analysis), and time-related problem sheets.

You can make more 4th grade practice sheets at [http://www.homeschoolmath.net/worksheets/grade\\_4.php](http://www.homeschoolmath.net/worksheets/grade_4.php) These are randomly made worksheets that you can easily print from your browser.

*I wish you success with math teaching!*

*Maria Miller, the author*