

---

# Contents

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

## Measuring

Measuring Length 1 .....	6
Measuring Length 2 .....	8
Measuring Volume .....	9
Measuring Mass .....	10
Measuring Temperature .....	11

## Geometry

Angles .....	12
Parallel & Perpendicular Lines .....	13
Triangles 1 .....	14
Triangles 2 .....	15
Quadrilaterals 1 .....	16
Quadrilaterals 2 .....	17
Circles 1 .....	18
Circles 2 .....	19
Draw Figures .....	20

Congruent or Similar 1 .....	22
Congruent or Similar 2 .....	23
Symmetry .....	24
Transformations .....	25

Perimeter .....	26
Area of Rectangle.....	27
Area of Right Triangle .....	28
Area Problems .....	29

Volume 1 .....	30
Volume 2 .....	31
Volume 3 .....	32
Volume of 3-d Figures .....	33
Area - Perimeter - Volume .....	34

Geometry Review 1 .....	35
Geometry Review 2 .....	36

## Decimals

Tenths and Hundredths .....	37
Decimal Place Value .....	38
Add and Subtract Decimals .....	39
Multiply Decimals With Tenths .....	40
Divide Decimals With Tenths .....	41
Dividing With Decimals .....	42
Thousandths .....	43
Comparing .....	44
Fractions and Decimals .....	45
Rounding Decimals .....	46
Multiply & Divide by 10, 100, 1000 .....	47
Multiply Decimals by Decimals .....	48
Long Division with Decimals .....	49
Divide/Multiply .....	50
Decimals Review 1 .....	51
Decimals Review 2 .....	52

## Probability and Statistics

Probability 1 .....	53
Probability 2 .....	54
Mean, Median, and Mode 1 .....	55
Mean, Median, and Mode 2 .....	56
Stem-and-Leaf Plots .....	57
Line Graphs .....	58
Graph Problems .....	59
Data Analysis .....	60
Statistics Project 1 .....	61
Statistics Project 2 .....	62
Review .....	63
More from Math Mammoth .....	64

---

# Introduction

*Math Mammoth Grade 5-A Worksheet Collection* was originally 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 "handcrafted", with varying problems that both emphasize understanding of concepts and practice 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.

The latter part of fifth grade has worksheets for measuring, geometry, decimals, and statistics.

The measuring sheets present metric and customary system 'side-by-side' so that students practice using both at the same time, and can easily understand which units belong to which.

Geometry worksheets cover a variety of topics, as students are becoming more proficient in basic geometry concepts such as angles, quadrilaterals, congruency, and drawing various polygons.

In 5th grade, students should learn concept of volume, and understand the difference between perimeter, area, and volume. There are many worksheets covering these topics.

Sheets for decimals first only use tenths and hundredths, and the problems here especially address students' understanding of these as different place values so they don't make mistakes such as  $0.3 + 0.04 = 0.7$ . The first multiplication and division sheets have only mental math problems.

Then, thousandths are introduced and topics such as comparing, rounding, and multiplying in columns, or long division with decimals.

Probability is briefly covered with two worksheets.

Statistics problem sheets are very varied, hopefully catering for all.

*I wish you success with math teaching!*

*Maria Miller, the author*