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# Introduction

*Math Mammoth Grade 5-A Worksheet Collection* was 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 to students.

These are not 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 the 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 the 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 the students' understanding of these as different place values so they do not 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 varied, hopefully useful to all.

*I wish you success with teaching math!*

*Maria Miller, the author*