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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 it is easy to assign to students.

These are not your 'run-of-the-mill' worksheets. Each worksheet has been "hand-crafted", with varying problems that both emphasize understanding of concepts and practice computation. There are numerous word problems. 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.

In fifth grade, addition and subtraction finally take the back stage after four previous grades. In the first section of these worksheets, students review and study further all four operations, the order of operations, place value, time calculations and some applications such as money and part problems.

In the multiplication/division section, you will find worksheets for multiplying and dividing with bigger numbers, and studying a two-digit divisor with long division.

Next come number theory topics, such as primes, factoring, and divisibility, where students can apply their knowledge of multiplication and division, and prepare for fractions.

Fraction topics are in focus in fifth grade: addition, subtraction, equivalent fractions, and simplifying are studied in great detail. Multiplying and dividing are mostly left for 6th grade, except for the easy situations of multiplying or dividing by a whole number. There is still a lot of emphasis on visual representations of fractions and 'picture problems'.

The 5-B collection covers the rest of the 5th grade math topics: measuring, geometry, decimals, probability and statistics.

*I wish you success with teaching math!*

*Maria Miller, the author*