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Introduction

Math Mammoth Grade 7-A Worksheet Collection contains worksheets covering about half of typical 7th and 8th grade mathematics topics (pre-algebra). These worksheets have problems only. In other words, this is a worksheet collection without textbook explanations.

I have created the worksheets with teachers' needs in mind: each one is exactly one page, concentrating on one topic (with the exception of some "review" worksheets); therefore it is easy to assign them for students.

The worksheets are very variable, with numerous word problems and problems that emphasize understanding. They are not made by a script, but hand-crafted one by one.

The first part of this pre-algebra collection contains worksheets for beginning algebra topics such as expressions, linear equations, and basic properties of the four operations.

There is also an extensive section on integers. Fraction and decimal topics are still present, but not with as much detail as in previous grades. The fraction section contains a few worksheets that touch on the concept of percentage; however most of the percentage related worksheets are in the 7-B collection.

The section on linear equations and inequalities contains the basics of solving linear equations, and as such can easily be used in 8th grade or as part of an algebra course as well. This section also contains various sheets about example practical applications of linear equations.

The 7-B collection covers the rest of the 7th grade topics: proportion and percentage, statistics and graphs, probability, geometry, right triangles - and a little bit on polynomials (though this last topic could be left for 8th grade or for algebra).

I wish you success with teaching math!

Maria Miller, the author