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Introduction

Math Mammoth Grade 6-B Worksheets Collection is the second part of Math Mammoth 6th grade worksheets, covering approximately one-half of the school-year's topics.

I 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 they are 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. They are meant to be used with the aid of a tutor or teacher as they do not include teaching instructions.

Geometry worksheets concentrate on understanding angles formed by intersecting lines, drawing triangles, easy basic constructions, and area.

There is an introduction to integers, dealing with comparing integers, adding integers with the same sign or different signs, and some easy subtraction situations illustrative of temperature changes or number-line jumps. Subtracting negative integers is not included. Multiplying integers is used in the context of stretching figures in a coordinate grid.

Gearing up for 7th grade, word problems with ratios and parts are becoming more complex. Solving proportions with cross-multiplication is dealt with only in passing. Percentage problems are basic and easy, focusing on finding the percentage of a number.

Probability problems are still very simple. In statistics, the focus is in drawing and reading many different kinds of graphs.

Note: These worksheets were made to loosely follow the standards for mathematics for the state of Virginia. However, since standards vary within the states, and change over time, you may not find here each and every 6th grade topic that you might find in some other math book or that might be listed in your state's standards or objectives.

I wish you success with teaching math!

Maria Miller, the author