
Math Mammoth Place Value 4

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Introduction

In *Math Mammoth Place Value 4*, the focus is on place value with thousands, ten thousands, and hundred thousands - in other words till one million, and a little bit even beyond. The book is most suitable for fourth grade.

The first lessons only deal with thousands or numbers with a maximum of four digits. These are for review and for deepening the student's understanding of place value. It is crucial that the student understands place value with these numbers before moving on to larger numbers. Yet again, these larger numbers can be very easy as long as the student understands the basics of how our place value system works. The lesson *More Thousands* then introduces numbers beyond 10,000.

After learning these larger numbers, we also study addition and subtraction, comparing, and the idea of multiples. In addition to column-form addition and subtraction, the book also contains a lot of mental math problems. In studying mental addition and subtraction, the similarities to adding smaller numbers are stressed, which helps the students to understand how to add/subtract these bigger numbers.

I wish you success with math teaching!

Maria Miller, the author

Helpful Resources on the Internet

*Use these free online resources to supplement the “bookwork” as you see fit.
You can access an up-to-date online version of this list at
www.mathmammoth.com/weblinks/place_value_4.htm*

Place Value Playoff

Match numbers written in standard form with numbers written in expanded form in this game.
<http://www.quia.com/mc/279741.html>

Megapenny Project

Visualizes big numbers with pictures of pennies.
<http://www.kokogiak.com/megapenny/default.asp>

Keep My Place

Fill in the big numbers to this cross-number puzzle.
<http://www.mathsyear2000.org/magnet/kaleidoscope2/Crossnumber/index.html>

Place value puzzler

Place value or rounding game. Click on the asked place value in a number, or type in the rounded version of the number.
<http://www.funbrain.com/tens/index.html>

Estimation at AAA Math

Exercises about rounding whole numbers and decimals, front-end estimation, estimating sums and differences. Each page has an explanation, interactive practice, and games.
<http://www.aaamath.com/B/est.htm>

Can you say really big numbers?

Enter a really big number, try say it out loud, and see it written.
<http://www.mathcats.com/explore/reallybignumbers.html>