

TUTOR'S PAL

Book 4

**Exponents, Roots, Scientific Notation, Averages, Rounding,
Estimation, Multiplication & Division Short-Cuts and
Statistics**

A vocabulary approach to mathematics, designed for middle school students, high school students, and adults, who want to fully learn mathematical concepts by first studying the vocabulary of each topic, and then solving problems.

By Sandra J. Ellingsen

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PREFACE

This book gets the best results when gone through from beginning to end. This assures you will not have missed something you will need to know to solve later problems. Be sure to do chapter 1, the Introduction, to see how to use this workbook. Each chapter is also designed to be stand-alone, though you may need to know previous materials also.

Students using these books should be able to add, subtract, multiply, and divide quickly. If not, have them practice these skills by working problems, and using flash cards.

This workbook can also help to find what topics, and what areas within those topics the student doesn't understand. If a student knows all the material, they should be able to go through this book quickly and easily with very little help if any.

These workbooks are great summer study tools, as they cover basics to help the student do their best with new topics during the school year.

These workbooks are in a series as follows.

Book 1: Numbers, Arithmetic, Place Value, Symbols,
Word Problems, and Factoring

Book 2: Fractions

Book 3: Decimals, Ratios, Proportions and Percent

Book 4: Exponents, Roots, Scientific Notation, Rounding,
Multiplication & Division Short-Cuts and Statistics

Book 5: Measurement

Book 6: Geometry

Book 7: Pre-Algebra: Integers

Book 8: Pre-Algebra: Order of Operations, Properties,
Expressions and Equations

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