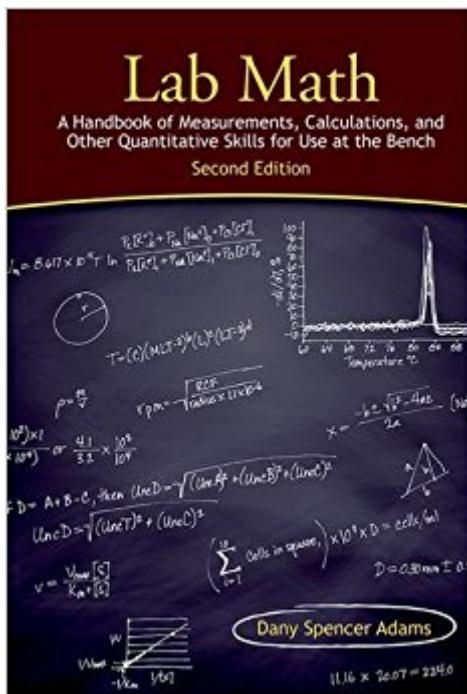


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# Lab Math: A Handbook Of Measurements, Calculations, And Other Quantitative Skills For Use At The Bench, Second Edition



## Synopsis

Lab Math: A Handbook of Measurements, Calculations, and Other Quantitative Skills for Use at the Bench, 2nd edition, collects in one place the numbers and equations you rely on for your experiments and use to report your data-what they mean and how to use them-as well as easy-to-follow shortcuts for making the math easier. Written in an accessible and informal style, Lab Math describes basic mathematical principles and various tasks involving numbers, including how to calibrate lab equipment, how to make solutions, and the numbers involved in various methods for quantifying DNA, RNA, and proteins, and an all-new section on quantitative polymerase chain reaction. Basic statistical ideas and methods and the proper reporting of uncertainty are described in simple-to-understand language. Also included are reference tables, charts and "plug-and-chug" equation blanks for specific experimental procedures. Since the publication of the first edition in 2003, Lab Math has become an essential math reference and teaching resource for both on-the-spot practical information and background for understanding numerical tasks. Important additions in this second edition make Lab Math an even more useful tool for every laboratory.

## Book Information

Hardcover: 332 pages

Publisher: Cold Spring Harbor Laboratory Press; 2 edition (September 30, 2013)

Language: English

ISBN-10: 1936113716

ISBN-13: 978-1936113712

Product Dimensions: 9.3 x 0.9 x 6.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars 4 customer reviews

Best Sellers Rank: #306,783 in Books (See Top 100 in Books) #36 in Books > Engineering & Transportation > Engineering > Reference > Measurements #577 in Books > Science & Math > Experiments, Instruments & Measurement #3875 in Books > Textbooks > Science & Mathematics > Mathematics

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This book will not solve all of your problems as you most likely will need advanced mathematical and statistical books relative to your specific area but it's the best foundational math book I've ever read. You can very quickly find useful topics that you may have forgotten and it's a great intro to the more advanced topics. The statistics chapter was so clear and helpful for an overall perspective and

then you can find more advanced applications in dedicated textbooks. A very practical primer for any scientist; I love this book. I also wish it were available on Kindle with "audio enabled."

Wonderful book.

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