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Practical Mathematics Part IV Jul 26 2020 This book is the outgrowth of a course in practical mathematics for adults, designed for use in evening, trade, and continuation schools. The intention of this book is to give sufficient practice in logarithms to secure a fair degree of skill in computation. In trigonometry, the parts emphasized are those that may be applied to practical problems; parts that aid study of more advanced mathematics are treated slightly. Many applications are given, and tables are given to four decimal places. The exercises and problems have been adapted from engineering and trade journals, handbooks of various kinds, treatises on tools and mechanical devices, and both the author's and previous class participants' practical experiences.

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Attacking Problems in Logarithms and Exponential Functions Apr 27 2023 Concise review of what high school and beginning college students need to know to solve problems in logarithms and exponential functions. Presents rigorously tested examples and coherent explanations in an easy-to-follow format. 2015 edition.

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concepts of logarithm. This book will facilitate skills in algebra. Inside are numerous lessons to assist you better understand the topic. These lessons are among many exercises to practice what you've learned, together with a whole answer key to test your work. Throughout this book, you'll learn the terms to assist you understand algebra, and you'll expand your knowledge of the topic through dozens of sample problems and their solutions. With the teachings during this book, you'll find it easier than ever to understand concepts in algebra. DEFINITION PROPERTIES INVERSE OF A LOGARITHM FUNCTION TEST WITH SOLUTIONS QUESTIONS

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Examples for Practice in the Use of Seven-Figure Logarithms Nov 22 2022 From the Preface. CONSIDERABLE practice is required by most students before they acquire the accuracy which is absolutely necessary in the use of logarithms. According to my experience, mistakes are more frequently made by taking out a wrong logarithm than by blundering in the arithmetic. It would seem therefore that a student should always be expected to take out himself all the logarithms, whether of numbers or of Trigonometrical Functions, which are needed in the solution of any question; and that the practice, which has been so common, of supplying him with all these in addition to the data should be abandoned. It is mainly with the wish of bringing about this result that I have put together the accompanying collection of examples. As the answers are given in each case, this little book is the result of a very considerable amount of work. I have taken all pains to secure accuracy, but cannot hope to have completely succeeded, and shall be grateful to anyone who will point out to me any mistakes I may have made. I have given what may be thought a disproportionate number of examples of the calculation of the parts of a tetrahedron when the lengths of its edges are given. This was done, chiefly because I am convinced that no other kind of examples so soon teaches the habitual accuracy which ought to be attained, but also to some extent to give examples for the use of those who have occasion for practice in the solution of Spherical Triangles. In the calculation of each tetrahedron is involved the obtaining all the parts of four Spherical Triangles, and this has induced me, after considerable hesitation, to abstain from giving explicit examples for such solutions. I have principally, but not exclusively, used Chambers' Mathematical Tables in my working out of these examples. Of course the seventh significant place in numbers, and the second decimal place in seconds of angles, are not absolutely to be relied upon. If this book should be used with tables of six or five-figure logarithms, the corresponding number of places should be struck off my results, the usual correction being made when necessary in the remaining final figure.

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