

**ARITHMETIC FOR HIGH
SCHOOLS, ACADEMIES,
AND NORMAL SCHOOLS**

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Arithmetic for High Schools, Academies, and Normal Schools by Oscar Lynn Kelso

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•The M Co.

ARITHMETIC
FOR
HIGH SCHOOLS, ACADEMIES, AND
NORMAL SCHOOLS

BY

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"Numbre is the onelic thing that separateth man from the beastes. Hee therefore that shall contempne Numbre, hee declareth hmselſe as brutiſhe as a beaſte, and unworthy to be counted in the fellowſhippe of men. But I truſte there is no man ſo foule overſeene, though manie right ſmallye do it regarde."—Recorde.

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PREFACE

IN the preparation of this work it is assumed that the learner has gained facility in performing the four fundamental operations of Arithmetic, — Addition, Subtraction, Multiplication, and Division. This facility should be strongly insisted upon, since the success hoped for throughout Arithmetic is dependent upon it.

The subjects included in the present work are those which have usually found place in the leading schools, and yet there is more offered than can be completed in an average term. The teacher is expected to use his judgment in regard to omissions.

The contents of this book have been tested by the author with classes in the high school and in the normal school. The pupils who have pursued the work conscientiously have met the requirements expected of them.

There is no attempt either to introduce novel methods or any new arrangement of topics. There are no puzzles offered. They usually have no well-established principles behind them.

Throughout the work are scattered historical facts which it is hoped will prove interesting to intelligent students. It is thought this is a feature of the book.

Much effort has been put forth to insure accuracy in this respect.

Attention is called to other features of the book, such as the treatment of Ratio, and of the Applications of Percentage, especially that of Stocks and Bonds.

While care has been taken to insure against inaccuracies, both as regards numerical calculation and history, it can hardly be hoped that the work is free from error. Therefore thoughtful suggestions and corrections will be thankfully received.

I desire to offer my sincerest thanks to those who have assisted me with advice and criticism; especially to Professors Frank R. Higgins and W. P. Morgan of the Indiana State Normal School, and Professor C. T. Lane of the Fort Wayne High School.

O. L. K.

TERRE HAUTE,
February, 1903.

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