

# PUBLISHERS' DEPARTMENT

## AN INTERESTING STORY.

The story of *The New Arithmetic* is a very interesting one. Nearly a year ago the publishers of this universally popular text-book offered certain prizes for the best sets of exercises in arithmetic, the whole subject having been divided into convenient departments. These offers were made known to about a quarter of a million teachers. Bundles of arithmetic manuscript came to hand from all parts of the United States and Canada. Quite a number of valuable contributions were received from England, Scotland, Ireland, Australia, and even India. Never before was there such a great educational competition. Never before did any one publishing house have at its disposal such a grand collection of arithmetical exercises.

A committee of practical teachers, working under the direction of Mr. Seymour Eaton, editor of the SUPPLEMENT, were engaged several months in selecting, grading, and arranging the "cream" of the contributions. Many new exercises were added, and the whole was arranged in the form of a text-book—well edited, beautifully printed, and elegantly bound. The work of the editors was a very arduous one. That the result is satisfactory, however, the thousands of teachers who are now using the book will testify.

The plan of "The New Arithmetic" is novel and original. It is unlike all other text-books on this subject. The matter is new, the arrangement is new, and the methods explained are new. Many of the subjects which go to make up arithmetics have been left out as useless, and many new subjects, which have never before appeared in any book, have been added. There is not a single poor exercise or problem among the 3,000 which the book contains.

The complete book is divided into EIGHT DEPARTMENTS. The *first department* gives an entirely new treatment of the fundamental rules, adapted to the requirements of pupils in the middle grades. The business exercises under each head, the drill exercises, the mental exercises, the short methods of addition, the short methods of multiplication, the loss and gain exercises,

etc., and the large collection of miscellaneous practical exercises, make this one department worth more to the teacher of a third or fourth book class than ten times the price of the book. The *second department* treats of factors and multiples, fractions and decimals. These subjects were never before treated in such a practical, common-sense manner. Every exercise of this *new* text-book is intended either to improve the mental faculties or to store the mind with useful knowledge. The *third department* is subdivided as follows: 1, Measures; 2, Currency; 3, Bills and Accounts; 4, Wages; 5, Review. Each subdivision is complete. Numerous practical exercises are given under each head. The *fourth department* treats of: 1, Surface Measurement; 2, Solid Measurement; 3, Lumber Measurement; 4, Building and Furnishing; 5, The Metric System. The remaining four departments are similarly divided. The treatment of each subject is entirely different from the treatment of the same subject in other books. The forms and use of business papers are given, and hundreds of business exercises follow each head. The *eighth department* is made up entirely of test exercises in arithmetic. There is here a larger and better collection than can be found in any other text-book.

Altogether "The New Arithmetic" is a book that every teacher needs, and that all professional teachers will sooner or later possess. It is especially adapted to the requirements of American and Canadian teachers and schools. The work is sufficiently elementary for middle classes, and sufficiently advanced for all senior pupils. Between its covers will be found something far ahead of the old-time, hackneyed exercises which have been copied from one book to another for years.

A copy of "The New Arithmetic" will be sent post free to any address for *one dollar*. A discount of 33½% will be allowed to schools and colleges ordering in quantities.

## HINTS AND ANSWERS.

The Hints and Answers to the exercises contained in "The New Arithmetic" are published in a separate volume. The an-