

Educ

PREFACE.

THE objects specially aimed at in this work are to train the pupil to accuracy and rapidity in the operations of the four elementary rules of Arithmetic, to accustom him to habits of careful observation on the methods of solving practical problems, and to render him so familiar with fundamental principles and processes as to make advanced work natural and easy.

The following points indicate the plan of the book:

1. In every subject the first steps are presented objectively, followed by sufficient slate and written exercises to define and fix firmly in the mind of the pupil the truths illustrated.

2. The work from the beginning is so arranged that each step forms a natural and complete preparation for the step following. Hence the pupil is led to understand clearly the principles on which each operation depends before he is required to perform it.

3. By the use of *Arithmetical Tables* an unlimited number of examples in abstract numbers is given, affording the teacher the best means for *class drill*, and for keeping pupils employed at their seats, while giving them sufficient practice in writing numbers neatly and accurately.

4. The oral and written exercises are carefully graded, and are of the most practical nature. The use of Canadian money is introduced in *Addition* and continued throughout the book. Simple examples in denominate numbers are also given as applications in Multiplication and Division, thus making the pupil familiar, at an early stage of his work, with what is practical.

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