

PREFACE.

The "Elementary Arithmetic" is intended to occupy an intermediate position, coming between the concrete and the advanced stages, and is adapted for the junior classes in our common schools, for securing the mental development, as well as the accuracy and expedition in calculation of the pupils between seven and eleven years of age.

The plan consists of such a delineation of the principles that the pupils are enabled, by induction, to form the appropriate rules.

After the accuracy of their knowledge is tested by a few mental exercises, the examples are reduced to practice on the blackboard or slate.

A number of self-testing exercises to many of the rules are introduced, which will save the teacher much labour, and be of benefit to the pupils.

The definitions and tables have been interspersed through the work, thereby rendering them more available to the student.

The plan pursued in the rule of Practice, is, we think, well calculated to exercise the reflective powers of the young, the examples and illustrations having been carefully selected, rising from the easy to the more difficult.

After Practice, Proportion is introduced, in a way not usually found in works of the kind; and several operations generally included under Interest and other rules, are grouped together, by which means the pupils are enabled to solve all questions where ratio is involved.