

For other forms of writing the Tables see Exercise Books 5 and 6 in "Desk-Work in the Simple Rules."

The study of Number may be taken up in the order in which I have taken up the explanation of the different Devices found upon the Calculator :—(1) The Fundamental Numbers ; (2) Combinations with Ten (as a unit) plus each of the Fundamental Numbers ; (3) The Numeral-Frame and Schedule Combinations in conjunction.

After pupils have become familiar with the Schedule Combinations in the Arabic or Symbol-Form, they may be given desk-work in the *mechanical operations* from the exercises in "**Desk-work in the Simple Rules**" Nos. 1, 2, 3 and 4.

Before these Exercises are taken up for drill and practice, the additions and subtractions of the Fundamental Numbers should be thoroughly understood.

"Making these partitions and re-combinations, and expressing the process in words and figures, affords good self-instruction work."

Dr. McLellan says :—"From the beginning, arithmetic should supply useful examples for desk-work."

By means of "Desk-Work in the Simple Rules," all the Junior Division of the school may be employed with suitable desk-work.

In the lower classes of our Public Schools we must aim at RAPIDITY and ACCURACY in the mechanical operations.

"ALL AT WORK ; AND ALWAYS AT WORK."

Plenty of drill in the mechanical operations begets rapidity and accuracy ; therefore the work prescribed in "Desk-Work in the Simple Rules" will be found helpful in connection with the work laid down in this book.

(i) Pupils should be required to *recite orally* (1) from the Numeral-Frame ; and (2) from the Schedule in connection, ALL THE COMBINATIONS "AT SIGHT."

(ii) Pupils should be able to write out (1) in Number-Form ; (2) in Word-Form ; and (3) in Symbol-Form, all these Combinations.