

HINTS TO TEACHERS.

In order to secure accuracy and speed in mental arithmetic daily drill should be taken.

In all mental work imagine you see the figures involved. This habit can be acquired by drilling on each new rule with the figures actually before you until the rule is mastered. Then let the work be entirely oral and mental.

In the ordinary work in written arithmetic do as much as possible mentally.

Let the mental precede the written work in each new rule or exercise in arithmetic.

Do not depend alone on the examples given in any book or in all books on mental arithmetic for the necessary drill, but acquire the habit of making questions of your own.

Master the simple before attempting what is difficult.

In all cases where possible proceed from LEFT TO RIGHT in adding, subtracting or multiplying, as the separate parts in the result will then be presented to the mind in the order in which they must be expressed in giving the full result, e. g. if you wish to multiply 43 by 2, think of the two fours being eight then of the two threes being six and the result will be found in the order in which it must be expressed, that is, in the order 86.

Always look for short methods of doing work and make rules for yourself.

Do not leave any rule until your pupils can make questions for themselves.

Encourage your pupils to take a few minutes drill at home each morning before doing any other work,