THE ALVORD AND DAVIS DRILL AND PROBLEM BOOK IN ARITHMETIC: FOR FIFTH TO EIGHTH GRADES

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The Alvord and Davis Drill and Problem Book in Arithmetic: For Fifth to Eighth Grades by Charles P. Alvord & Miss M. Elsie Davis

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CHARLES P. ALVORD & MISS M. ELSIE DAVIS

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ALVORD AND DAVIS

Drill and Problem Book

in Arithmetic

FOR FIFTH TO EIGHTH GRADES

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PREFACE

An efficient course of instruction in arithmetic has a threefold purpose. First, it must teach the fundamental number combinations so thoroughly that pupils can state them automatically. Secondly, it must teach the abstract processes in arithmetic so well that pupils can perform them with absolute accuracy and practical rapidity. Thirdly, it must develop in pupils the power to reason and to apply their knowledge of number to practical concrete problems.

Skill in the facts and processes can be developed only by ceaseless, systematic drills, conducted to correspond to the practical manner in which they are used in every-day computation.

The further purpose—to solve problems—can be acquired only by a large amount of practice in actually solving problems.

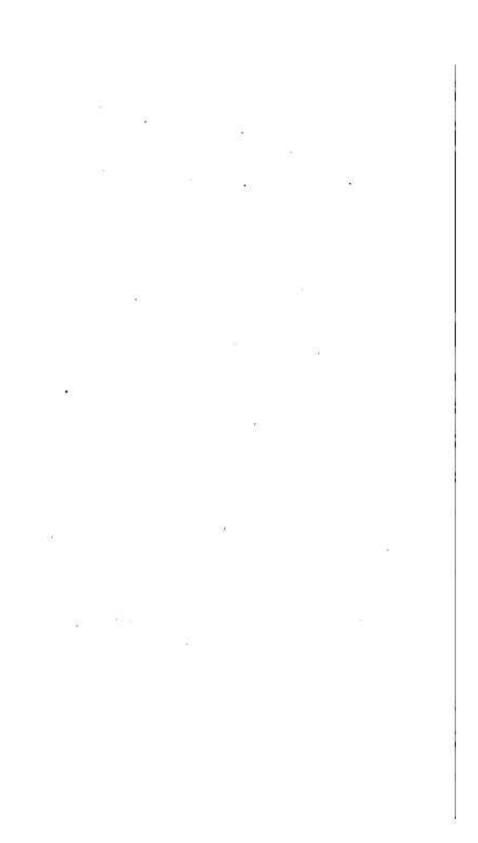
This book has been prepared for the purpose of supplying a great number of abstract examples to be used in drill and an abundance of problems applying the facts and processes. These have been carefully graded. In the sets of miscellaneous problems a wide range of concrete conditions, all of which are within the comprehension of pupils, has been used. There is a sufficient variety in the expression of problems involving similar conditions so that, in most cases, pupils must reason each problem independently of others. Arithmetical puzzles have been avoided.

The work is arranged topically and the topics usually given in modern courses of study have been fully covered.

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THE ALVORD AND DAVIS DRILL AND PROBLEM BOOK



ROMAN NOTATION AND NUMERATION

- 1. Write in Roman numerals 1, 2, 3, 4, 5, 6, 7, 8 and 9.
- 2. Express the following numbers in Roman notation: 11, 12, 13, 14, 15, 16, 17, 18, 19.
- Using Roman numerals, express 10, 20, 30, 40, 50, 60, 70, 80 and 90.
- Express in Roman notation: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 2000 and 10,000.
- 5. Write in Arabic notation: L, I, M, V, D, X, VIII. C.
- 6. In the Roman notation show the effect of (a) repeating a letter; (b) placing a letter before another of greater value; (c) placing a letter after another of greater value; (d) placing a bar over a letter.
 - 7. Write in Roman notation:

a.	28	e.	105	í.	506	211.	1912
b.	42	f. 1	189	j.	973	n.	2356
c.	56	g. 2	246	k.	1492	0.	5864
d.	97	h. 4	402	1.	1607	b.	10852

8. Express the following numbers of book chapters in Arabic notation.

a.	XIV.	d. CXLIX.	g. CXXXVII.
b.	XXVI.	e. CLXV.	h. XCIX.
c.	LXXXIX.	f. CXCII.	i. XCXVIII.