

**GREENLEAF'S
MATHEMATICAL SERIES;
FIRST LESSONS IN NUMBERS:
ORAL AND WRITTEN**

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Greenleaf's Mathematical Series; First Lessons in Numbers: Oral and Written by Benjamin Greenleaf

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BENJAMIN GREENLEAF

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FIRST LESSONS IN NUMBERS:
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Greenleaf's Mathematical Series.

FIRST LESSONS
IN
NUMBERS,

ORAL AND WRITTEN.

ON THE BASIS OF WORKS

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GREENLEAF'S

MATHEMATICAL SERIES.

INDUCTIVE COURSE.

FIRST LESSONS IN NUMBERS.

A BRIEF COURSE IN ARITHMETIC.

THE COMPLETE ARITHMETIC.

The BRIEF COURSE and the COMPLETE ARITHMETIC are each published with and without answers.

KEY TO THE COMPLETE ARITHMETIC, for Teachers only.

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PREFACE.

THE FIRST LESSONS IN NUMBERS has been prepared in the belief that the objective presentation of numbers is best suited to the comprehension of the child. The teacher who uses this book is expected to make constant use of counters, blocks, or other visible objects, that from the outset the child may have correct ideas of numbers. The copious illustrations found throughout the book are intended as aids in this direction.

The development of numbers and the unfolding of processes are very simple and gradual, to correspond to the powers and growth of the child's mind. Addition and Subtraction are presented as converse operations, and are to be taught together, as are also Multiplication and Division. Experience has shown that this method secures the best results in the shortest time.

From the beginning oral and slate exercises are combined, the little learner being given something to employ his hands as well as his mind. The large number and variety of written exercises will be appreciated by teachers as relieving them from the necessity of furnishing much blackboard work.

The drill exercises with which the book abounds are very valuable as affording the only means for securing perfect familiarity with all the elementary combinations of numbers.

These and other features of the work will, we trust, commend it to the intelligent and practical teacher.

FIRST LESSONS IN NUMBERS.



LESSON 1.

One House,	1.	Six Rails,	6.
Two Ships,	2.	Seven Ducks,	7.
Three Boats,	3.	Eight Trees,	8.
Four Boys,	4.	Nine Birds,	9.
Five Girls,	5.	Ten Chicks,	10.

LESSON 2.

1 House, I.	6 Rails, VI.
2 Ships, II.	7 Ducks, VII.
3 Boats, III.	8 Trees, VIII.
4 Boys, IV.	9 Birds, IX.
5 Girls, V.	10 Chicks, X.

Name one thing. Hold up one hand. Make on the slate one mark. Make 1.

Name two things. Hold up two hands. How many eyes have you?

One ship and one more are how many? Make on the slate two marks. Make 2.

Count three. Name three things. Hold up three fingers.

Two boats and one more are how many? Make on the slate three marks. Make 3.

Count four. Name four things. Hold up four fingers.

Three boys and one more are how many? Make on the slate four marks. Make 4.

How many fingers have you on one hand? Count five.

Four girls and one more are how many? Make on your slate five marks. Make 5.

A single thing, as a house, is called **One**.

How many are one and one? Two and one? Three and one? Four and one? Five and one?

LESSON 3.

Five rails and one more are how many?

Make on your slate six marks. Make 6.

Six ducks and one more are how many?

Count seven. Make on your slate seven marks. Make 7.

Seven trees and one more are how many? Hold up eight fingers. Make on your slate eight marks. Make 8.

Eight birds and one more are how many? Count nine.

John has eight cents, and his brother has as many and one more. How many has his brother?

Make on your slate nine marks. Make 9.

Nine chickens and one more are how many? Count ten.

Mary is nine years old, and Susan is a year older. How old is Susan?

Make on your slate ten crosses. Make 10.

1, 2, 3, 4, 5, 6, 7, 8, 9, 0, are **Figures**, and stand for numbers.

