NEW ELEMENTARY ARITHMETIC, EMBRACING MENTAL AND WRITTEN EXERCISES, FOR BEGINNERS. PREPARED TO ACCOMPANY THE MATHEMATICAL SERIES OF BENJAMIN GREENLEAF

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649656554

New Elementary Arithmetic, Embracing Mental and Written Exercises, for Beginners. Prepared to Accompany the Mathematical Series of Benjamin Greenleaf by H. B. Maglathlin

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H. B. MAGLATHLIN

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NEW

Glementary Arithmetic,

EMBRACING

MENTAL AND WRITTEN EXERCISES,

BENJAMIN GREENLEAF, A. M.

BY THE EDITOR OF "NEW PRACTICAL ARITHMETIC," "NEW ELEMENTARY ALGEBRA," ETC., IN THE SERIES.

BOSTON:

PUBLISHED BY ROBERT S. DAVIS & CO.

MEW YORK: MASON, BAKER, & PRATT, 10 GRAND STREET.

PHILADELPHIA: J. A. BANCROFT & COMPANT.

ST. LOUIS: HENDRICKS & CHITTENDES.

CHICAGO: S. C. GRIGGS & CO.

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SEP 13 1941 GREENLEAF'S

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An ENTIRELY NEW MATHEMATICAL COURSE, Analytical and Practical, Progressive and Scientific, fully adapted to the best methods of modern instruction.

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PREFACE.

N mental culture, no less than in manual labor, it is desirable to have instruments especially adapted to the work to be performed. Of late it has become very evident that there are numerous learners, of limited opportunities, who require an easy, comprehensive course of arithmetic. Such, having no time to master the several books of a consecutive series, however excellent, demand, in a single book, the more important principles of the science, combined with the more useful applications to ordinary business computations.

In most Graded Schools, also, there may be found a class of pupils who might advantageously use a brief elementary course, uniting mental and written exercises, before passing to any more elaborate treatise. Experience has demonstrated that beginners are best initiated into any branch by means of repeated simple illustrations and numerous easy examples.

These conditions have been carefully kept in view, during the preparation of this work, and no labor has been spared to embody such improved methods of putting things, sanctioned by the best educators, as may not heretofore have found a place in any text-book.

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The work is analytic and inductive. Mental and written exercises have been combined, with the same forms of analysis applied to both. By this plan, not only a volume, of separate mental arithmetic is rendered superfluous, but valuable time is saved, and the pupil's progress promoted by an order at once natural and scientific. The number of topics treated is necessarily limited, yet will be found sufficient in range to prepare for common business.

The great favor with which the Elementary Arithmetic has been everywhere received, has induced the editor to take advantage of the necessity of the renewal of the electrotype plates, to make it still more attractive and useful.

The typography of the book has been improved, and beautiful pictorial illustrations, from original designs by Herrick, have been introduced.

Bank Discount, and United States Bonds, and the Metric System have been included among the topics treated; Dictation Exercises, and Test Examples have been appended for the convenience of the teachers; and the number of exercises and examples generally have been increased, so that the work is now very complete for the classes for whose use it is designed.

CONTENTS.

					8	IJ	×	P	Ľ	Ю	1	V.	U.	M	В	Е	R	8.	3											
NUMBERS																										3			,	-
																														135
NOTATION	20	-51	·*	-	- 3	-5	- 5	-55		- 1				u.o		2.5	1.7	0.7		-5	3.50	100	NΦ		200		-5	25	-	21
NUMERATION	-	•				-		_			-	-				-	-				-			-				-		
ADDITION		673		10	-	1.7	7.5			1.5	117		1.5	-								-5								23
							-0	•	97	87	7.2		- 7	. *		- 57	ಿ				10		200		-	3.70		٠		33
MULTIPLICATION									-			1.7									-7									43
Division																							100							54
REVIEW	٠	٠	•										٠				٠	٠	٠	٠					•	•		٠		68
			U	N	r	r		D	B	т	Α	T	E	8	3	M	0	N	E	Y	3									
Оотив																						٠								70
ADDITION																														73
SUBTRACTION																														74
MULTIPLICATION																														75
DIVISION						٠																								76
BILLS AND Acco	UX	FT	8																											17
			G		1	77	8)	R.	L	G	1	'1	u	N	o	D	PI	w		١.										
FACTORING				_						_			_						_											
MCLTIPLICATION								500						-				2.7				1.77						-		
CANCELLATION .	· ·		_				-		-	-	-	-			0.		-	್	:0:	~			-	~	-	-			•	82
ANALYSIS		-71	500	4.7											17	100	-				- 7/	- 7				7	-		-	
			î	o	0	×	0	4)1	T	F	E	LA	c	71	1	0	N	8.											
REDUCTION																														90
COMMON DENOM	ON.	AT	20	B				0		়														•			•		٥	98
ADDITION																	0		0							٠			8	90
SUBTRACTION			471				27		-					27		10	- 7	-	100		-					т.	-	-7/		101
MULTIPLICATION		90	277	350			- 1.	, -							C.T.	15	1.5					-7			100	271		~	170	104
Division	-		_	-		_	_		_	_		_	_	_		_		_		_	_	_	_	_	-	•		_	-	
REVIEW			71	200	100							- 1												100					70	
Quartions ros		-	150							-		_		-		_		100	3.71		-					· *				
destrone ton ?	-	-	-	•	-	•	٠		٠	٠		٠	٠	٠			٠	٠												_

CONTENTS.

DECIMAL PRACTIONS. IOTATION LEDECTION LEDECTION LEDITION LETIPLICATION DIVISION LEVIEW WEIGHTS AND MEASURES. LYOIRDUPOIS WEIGHT HINE AR MEASURE LURY ACASURE LURY ACASURE LURY ACASURE LIRGULD MEASURE LIRGULAS MEASURE LEDUCTION LEVIEW COMPOUND NUMBERS. LEDUCTION LEVIEW PERCENTAGE COMMISSION ROFIT AND LOSS STEREST LANK DISCOUNT TOCKS AND BROKERAGE LENERAL LIEVIEW CHECKERAGE LENERAL LIEVIEW	. 129 . 124 . 125 . 127 . 129
ICOTATION LEDICTION LODITION LODITION LODITION LETIPLICATION LEVIEW WEIGHTS AND MEASURES. LYOIRDUPOIS WEIGHT ROY WEIGHT ROY WEIGHT LINEAR MEASURE LURACE MEASURE OILD MEASURE LURACE MEASURE LINE MEASURE LINE MEASURE LINE WEIGHT LINE MEASURE LINE WEIGHT LINE MEASURE LINE WEIGHT LINE MEASURE LINE WEIGHT LINE MEASURE LEDICTION LEVIEW COMPOUND NUMBERS. LEDICTION LEVIEW PERCENTAGE COMMISSION ROYLT AND LOSS NETHERST LANK DISCOUNT TOCKS AND BROKERAGE	. 129 . 124 . 125 . 127 . 129
EDUCTION DESTRACTION (ELTIPLICATION ITYRIDA EVIEW WEIGHTS AND MEASURES. VOIRDUPOIS WEIGHT JENAR MEASURE URFACE MEASURE OLID MEASURE INCID MEASURE INCID MEASURE INCULAS MEA	. 129 . 124 . 125 . 127 . 129
EDUCTION DDITION DDITION DDITION DEFRACTION DETRICATION EVIEW WEIGHTS AND MEASURES. VOIRDUPOIS WEIGHT DOY WEIGHT DEFACE MEASURE DIED MEASURE DUID MEASURE DUID MEASURE DUID MEASURE DUID MEASURE DUIL	. 129 . 124 . 125 . 127 . 129
DETITION DETRACTION CATTIFLICATION C	, 124 , 125 , 127 , 129 , 131
BTRACTION CLTIPLICATION VISION VISION VISION VOIRDUPOIS WEIGHT NOW WEIGHT NEAR MEASURE RIACE MEASURE RIACE MEASURE RUID MEASURE RUI	. 125 . 127 . 129 . 131
WEIGHTS AND MEASURES. FORDUPOIS WEIGHT FOR WEIGHT NEAR MEASURE RFACE MEASURE LID MEASURE QUID MEASURE LID MEASURE ME MEASURE ME MEASURE BOULAB MEASURE DUCTION WIEW COMPOUND NUMBERS. DUTTON BTRACTION LATFLICATION VISION IVIEW PERCENTAGE MEMISSION OOFT AND LOSS TEREST INK DISCOUNT OCES AND BROKERAGE	. 127 . 129 . 131
WEIGHTS AND MEASURES. FOIRDUPOIS WEIGHT FOY WEIGHT NEAR MEASURE RFACE MEASURE LID MEASURE QUID MEASURE ME MEASURE BCULAB MEASURE EDUCTION INVIEW COMPOUND NUMBERS. DUITION BTRACTION LIVIPLICATION VISION FYIEW PERCENTAGE SECENTAGE SEMMISSION LOFIT AND LOSS. TEREST LIX DISCOUNT OCES AND BROKERAGE	. 129 . 131
WEIGHTS AND MEASURES. VOIRDUPOIS WEIGHT FOY WEIGHT FOY WEIGHT FOY MEASURE FEACE MEASURE FULLO MEASURE FOR MEASURE	. 131
WEIGHTS AND MEASURES. LYOIRDUPOIS WEIGHT THOY WEIGHT LINEAR MEASURE CURTACE MEASURE LUID MEASURE LIQUID MEASURE LIRCULAR MEASURE LEDUCTION LEVIEW COMPOUND NUMBERS. LUTTPLICATION LEVIEW PERCENTAGE COMMISSION ROUTT AND LOSS NETHERST LANK DISCOUNT LOCKS AND BROKERAGE	
TOTAL	. 134
ROY WEIGHT INEAR MEASURE CUPACE MEASURE IQUID MEASURE IQUID MEASURE INCULAR MEASURE INCULAR MEASURE EDUCTION EVIEW COMPOUND NUMBERS DDITION CUSTIFICATION IVISION EVIEW PERCENTAGE COMMISSION ROYIT AND LOSS STEREST AND DECOUNT TOCKS AND BROKERAGE	. 101
INEAR MEASURE URFACE MEASURE OLID MEASURE INCULAB MEASURE INCULAB MEASURE EDUCTION EVIEW COMPOUND NUMBERS ADDITION USTRACTION (ULTIPLICATION IVISION EVIEW PERCENTAGE COMMISSION ROFIT AND LOSS NEGRES IANG DISCOUNT TOCKS AND BROKERAGE	***
COMPOUND NUMBERS COMPOUND NUM	
OLID MEASURE JIQUID MEASURE JIRY MEASURE JIROULAB MEASURE LEDOCTION LEVIEW COMPOUND NUMBERS LEDITION UBTRACTION LEVIEW PERCENTAGE COMMISSION RECEPT AND LOSS NEGREST LANK DISCOUNT TOCKS AND BROKERAGE	
IQUID MEASURE RY MEASURE IME MEASURE EDUCTION EVIEW COMPOUND NUMBERS. DDITION UNTERACTION ULTIPLICATION INVISION EVIEW PERCENTAGE. ERCENTAGE OMNISSION ROFIT AND LOSS AREREST ANR DISCOUNT TOCKS AND BROKERAGE	
ET MEASURE IME MEASURE INCULAR MEASURE EDUCTION COMPOUND NUMBERS. DDITION UBTRACTION (LITIPLICATION IVISION EVIEW PERCENTAGE COMMISSION ROFIT AND LOSS ATTEREST AND DECOUNT TOCKS AND BROKERAGE	
THE MEASURE IBGULAS MEASURE LEDOCTION LEVIEW COMPOUND NUMBERS LEDITION LETTRACTION (LITTPLICATION LEVIEW PERCENTAGE COMMISSION ROFIT AND LOSS NEGRES LANK DISCOUNT TOCKS AND BROKERAGE	
COMPOUND NUMBERS. LEVIEW COMPOUND NUMBERS. LEVIEW LEVIPLICATION LEVIEW PERCENTAGE. COMMISSION ROPIT AND LOSS. NEGRES. LANG DISCOUNT TOCKS AND BROKERAGE	
EDUCTION EVIEW COMPOUND NUMBERS. DDITION UBTRACTION ULTIPLICATION IVISION EVIEW PERCENTAGE. EBCENTAGE OMMISSION EOFIT AND LOSS STEREST ANK DISCOUNT TOCKS AND BROKERAGE	
COMPOUND NUMBERS. LDDITION UBTRACTION (CLYIPLICATION LEVIEW PERCENTAGE. ERCENTAGE OMMISSION ROFIT AND LOSS. NETRIEST LANK DISCOUNT TOCKS AND BROKERAGE	
COMPOUND NUMBERS. DDITION	
DDITION DITRACTION ULTIPLICATION IVISION EVIEW PERCENTAGE DIMMISSION ROPIT AND LOSS ITEREST ANK DISCOUNT FOCKS AND BROKERAGE	. 134
PERCENTAGE. ERCENTAGE. ERCENTAGE. OMMISSION BOPIT AND LOSS ITEREST ANR DISCOUNT FOCKS AND BROKERAGE	
PERCENTAGE DESCRIPTION DESCRI	. 150
PERCENTAGE ERCENTAGE OMMISSION EOFIT AND LOSS FFEREST ANK DISCOUNT FOCKS AND BROKERAGE	. 102
PERCENTAGE. ERCENTAGE DMMISSION ROFIT AND LOSS ITEREST ANK DISCOUNT ROCKS AND BROKERAGE	. 166
PERCENTAGE. ERCENTAGE OMMISSION ROFIT AND LOSS ITEREST ANK DISCOUNT FOCKS AND BROKERAGE	
PERCENTAGE. EBCENTAGE OMMISSION BOFIT AND LOSS ATEREST ANK DISCOUNT TOCKS AND BROKERAGE	
EBCENTAGE OMMISSION BOFIT AND LOSS ITEREST ANR DISCOUNT FOCKS AND BROKERAGE	
OMMISSION BOFIT AND LOSS STEREST ANK DISCOUNT TOCKS AND BROKERAGE	
BOFIT AND LOSS. RTEREST JANK DISCOUNT TOCKS AND BROKERAGE	C4 1 (44.4)
NTEREST ANK DISCOUNT TOOKS AND BROKERAGE	
TANK DISCOUNT	
TOCKS AND BROKERAGE	
ENERAL REVIEW	
	. 189
APPENDIX.	
ETRIC STRTEM	. 195
ACTATION EXERCISES	
EST EXAMPLES	. 205
25 54 50	
	=
	=

NEW

ELEMENTARY ARITHMETIC.



NUMBERS.

1.	A Unit is a single thing of any kind, or	one.
2.	One unit and one unit are two units, or	two.
3.	Two units and one unit are three units, or	three.
4.	Three units and one unit are four units, or	four.
5.	Four units and one unit are five units, or	five.
6.	Five units and one unit are six units, or	six.
7.	Six units and one unit are seven units, or	seven.
8.	Seven units and one unit are eight units, or	eight.
9.	Eight units and one unit are nine units, or	nine.

What is a Unit? What are one and one called? Two and one? Three and one? Four and one? Five and one? Six and one? Seven and one? Eight and one?