NEW PRIMARY ARITHMETIC

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649142163

New primary arithmetic by John H. Walsh

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

JOHN H. WALSH

NEW PRIMARY ARITHMETIC



NEW PRIMARY ARITHMETIC

BY

JOHN H. WALSH
ASSOCIATE SUPERINTENDENT OF SCHOOLS, THE CITY
OF NEW YORK

BOSTON, U.S.A.
D. C. HEATH & CO., PUBLISHERS
1907

HO VINU AMBORNIAD

Q A 103

COPYRIGHT, 1805 AND 1903, BY JOHN H. WALSH.

ENUCATION DEPT.

ac

INTRODUCTION.

Abire. Op -Alairengala

THE NEW PRIMARY ARITHMETIC is designed for the use of pupils of the second, third, and fourth school years, the first chapter covering the ground to be completed by the end of the second year, and each of the remaining chapters furnishing a half-year's work.

In the distribution of the subject-matter, care has been taken to combine the best features of the spiral and the topical arrangement, and to adapt the work at every stage to the growing powers of the pupil. A large quantity of material for drill is provided under each subdivision before a new one is taken up, while carefully graded reviews are continued throughout.

Especial attention has been given to the grading and the character of the problems. They deal with numbers smaller than those used in the corresponding abstract work; the conditions are limited to such as are within the experience or the comprehension of the average pupil; and the solution of those in the earlier chapters involves but a single operation.

CONTENTS.

CHAPTER L.

	1	DDIT	ION	AND	SU	BTR	ACTI	ON.				
***												PAGE
Addition .				- 110	•	*	•	•	•		•	1
NOTATION AND N	UME	RATIO	N TO	99					*	•	•	2
SUBTRACTION .	2.					•	٠	٠				10
MISCELLANEOUS		*		:05		50			5.5	(*:	20	13
Addition .	***		3.5	12	•	*	*	0.00	12		*6	14
SUBTRACTION .	*8	20	85		300	88		88	12	1000	50	16
MISCELLANEOUS	*	(8)		0.07	63	*7			99 3		80	17
NOTATION AND N	CME	RATIO	N TO	999	(0.3)	•0	93	38	33		36	20
MISCELLANEOUS		(8)	:3			*	*	98	17		:53	22
SUBTRACTION .	•7	*		(3)		30			9			27
MULTIPLICATI — PINT, QU ROMAN NO	JAR	Г. АЗ										
MULTIPLICATION	AND	Divi	SION	31 . (0)	00+00	×u	*	88	32		*00	35
Multiplicatio) *		-63	*:	96	206	12		*1	35
Division by			100		((*))	•	36	530	538			37
NOTATION AND N		RATIO	N TO	9999		90		10K	139	1000	¥0	42
MULTIPLICATION	AND	Divi	BION	554	-61	•6					*0	49
Multiplicatio	n by	8.	276	100		•			134	10.600		49
Division by					.0						-	51
Multiplicatio			37		200			92	883		Ç	54
Division by	3 15		Se	÷		•			274	100	*	56
					o .							

CONTENTS.

Multiplication by 5 .										58
Division by 5										59
UNITED STATES MONEY .		10.00				1.5	8.			60
FRACTIONAL PARTS OF N	CMBER	B .				25				63
ROMAN NOTATION	/*		53							0.4
LIQUID MEASURE	3.	•	•0	*	٠	18	80			66
	CI	TAPT	ER	III.						
MULTIPLICATION AN	D DI	VISI	0N -	OUI	VCE	ANI	PO	UNL) _	
TWO OPERATIONS	- HA	LVE	S, T7	IIRD	S, F	OUR	THS-	- м	TL-	
TIPLICATION BY	A M	XED	NU	MBL	R -	SQU	ARE	SA	ND	
RECTANGLES.										
MULTIPLICATION AND DIV	rision									70
Multiplication by 6.										70
Division by 6										72
QUOTIENTS AND REMAIND	ERS	•		*0	**			200		77
MULTIPLICATION BY A M	IXED 2	NUMB	ER	±00	•					78
NOTATION AND NUMERATI	ON TO	99,99	9.		90		224			81
MULTIPLICATION AND DIV	HOIR	110	*3.	*61	*6					-
Multiplication by 7.		37.	200			*				83
Division by 7		19	1063	*00						84
Multiplication by 8 .		14								88
Division by 8		0.0		20	32					89
Multiplication by 9.		843	122	70		12	70			93
Division by 9		1.		27						94
Multiplication by 10	53	54					2			98
Division by 10	332		9.50	200					-	101
Review	72		1	20		-				101
HALVES (Addition and Su	btract	ion)	10.0	2						105
FOURTHS (Addition and S										106
THIRDS (Addition and Sul			1							108
SQUARES AND RECTANGES	· ·	183		100	8	3	33	30		111

CHAPTER IV.

MULTIPLIERS AND DIVISORS OF TWO OR MORE FIGURES

- MULTIPLIERS CONTAINING FRACTIONS - ADDITION
AND SUBTRACTION OF EASY MIXED NUMBERS - INCH,
FOOT, AND YARD - AREAS OF RECTANGLES.

											PAGE
HALVES AND FOURT	ns (A	dition	and	Sub	tracti	on)	5.0		9		114
MULTIPLICATION AN	D Div	ISION	4				114	4			118
Multiplication b	y 11 at	id 12			- 8						118
Division by 11 a	nd 12				4				•		118
Multipliers endi	ng in 0		5.50				3	10.00	*		122
Divisors ending	in 0	124	3.00	•		8		00.00	*8		123
REVIEW		339	23.00	•	*	8.0		20.00	*1		125
MULTIPLIERS OF TW	o Dro	ITS	77.97	*:			29	800	*3		127
Long Division .		33.	0.00	300	367	580	100	****	*0		128
SPECIAL DRILLS .		13	(i)*(i)	*00				1000	¥33	93	132
HALVES, FOURTHS,	AND E	ісптн	я.	*00			534		43		135
REVIEW	- 3:	14	(98)	¥33			34	1760	46	98	137
Multiplication .	9.0	29		¥(i)		12	(%		93		143
Division		32	(0.0)	200	30		84	13.00	•8		144
HALVES, FOURTHS, .	AND E	IGHTH	8.	*3	36	98	89	100	41		147
REVIEW				88		-	100		£0		148
MULTIPLIERS ENDING	G WITI	CIP	ERS	E #31			72	900	-53		150
HALVES, THIRDS, A	ND SIX	тив		20				17.8	37		151
LONG DIVISION SIGI	IT DR	LLS		33						- 3	154
DIVISORS ENDING WI	TII CI	PREES								•	156
THIRDS AND NINTHS								113500		•0	158
SPECIAL DRILLS .	. 00			1100	#00		2.0	165	(•)	•0	159
MULTIPLIERS OF MO	RE TH	AN TY	vo F	igur		200		100		• 6	161
RECTANGLES							: ::::::::::::::::::::::::::::::::::::			•	162

CONTENTS.

CHAPTER V.

MULTIPLIERS AND DIVISORS OF THREE OR MORE FIGURES

- ADDITION AND SUBTRACTION, OF EASY FRACTIONS

- MULTIPLICATION BY A MIXED NUMBER - EASY DENOMINATE NUMBERS - AREAS OF RECTANGLES.

												PAGE
MULTIPLICATION		1050	20	(2.3)	23	10	3.5		7.5			165
Long Division	1.61		80	28	*	10.5	8.00		80			166
SPECIAL DRILLS		50.00	•0	38					*			166
MULTIPLICATION	.09	53.65		26		08	50.00	0.00	60			172
MIXED NUMBERS			*10	¥.		100						172
NOTATION AND N	UMER		N TO	999,1	999						100	178
Review .		•	86						*:			180
Division .	109	37.00				94						181
MORE THAN ONE	OPE	RATIO	ON:	-	120	102			20			182
EASY FRACTIONS	110		- 50			(1)			45	-		184
MULTIPLICATION	4	120	200	-	2					4		185
SHORT METHODS	25	946	23	-	350		3	1.0	-			186
HALVES AND FIF	rns:	332	200			82	200		25			187
FOURTHS AND FIT	PTHS	9320	255	20	٠	200	920		127			188
Long Division S			LES	- 50	÷.	100		1	307		-192	189
Division .				- 8	- 5	8						190
MULTIPLICATION				*				3		૽		193
Division .	25		1			- 33	8.3			- 9		194
THIRDS AND FOC	nerra		•	•	•		*	•	*		17	195
DENOMINATE NUM			: 0	3			0.0	100			·	197
	HER	н	0.0	*	*	38			*:	*		3700
REVIEW .	32	*	*:	*		2.5	9.5	* 1	*	*	2.0	198
THIRDS AND FIFT	1118	10	80	**	8.5	352	S(*S)		*			203
AREAS OF RECTA	NGLI	83 .	ŧ:	•	00	3.5	5.00	•	*			208
ROMAN NOTATION												210