

Robert Jameson

No. 102

Students
MS
Book



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Latin Root Words

Grade VIII

1	ager -	a field	agriculture
2	amo -	I love	amoris
3	Annus	a year	annual
4	acqua	water	acquatic
5	Avis	a bird	aviate
6	Bellum	War	Beligerent
7	Brevis	short	Brevity
8	Caput	The head	Capital
9	Centum	hundred	Century
10	Civis	a citizen	Civic
11	Corpus	body	Corporation
12	Credo	I believe	credit
13	Crux	cross	crucify
14	Decem	ten	decimal
15	Deus	God	Divine
16	Dies	a day	diary
17	Dominus -	a lord	dominate
18	Dus	two	dual
19	Fido	I trust	fidelity
20	Genus	people	Gentle

Latin Root Words. Grade VIII

Gravis	heavy	gravity
Habeo.	I have	exhibit
Homo	a man	homicide
Impero	I command	imperative
Integer	Whole word.	integrity
Iungo.	I join	function
Liber	a book	library
liber	free	liberal
Lux	light	luminous
Magnus	great.	magnitude
Malus	bad	malicious
manus	the hand	manual
Mare	the sea	mariner
Mater	Mother	maternal
Medius	The middle	medium
Mens	the mind	mental
Mors	death	mortal
Munus	a gift	remuneration
Navis	a ship	navy
Nego.	I deny	negative

Nox	night	nocturnal.
Multus	many	multitude
Omnis.	all	omnipotent
Opus	Work	operation
Orare	I speak.	orator.
Part	a part	partner
Pater	father	paternal
Mater	Mother	maternal
Plaudo	I clap my hands	applaud.
Pugno	I fight.	pugilist.
Radix	root	radical
Rex	a king.	regal.
Rus	country.	rustic
Sal	salt.	salad.

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$$\begin{array}{r} y(100x) \cdot 0 \cdot x \\ 3 \quad 9 \quad 6 \end{array}$$

$$\begin{array}{r} 100xy \cdot 0 \cdot x \\ 3 \quad 9 \quad 6 \end{array}$$

$$x \cdot 0 \cdot y(100x)$$

$$x \cdot 0 \cdot 100xy$$

$$y \cdot 0 \cdot x \text{ diffrents } (100xy + 0 + x) = 257$$

$$y \cdot 0 \cdot x = 500xy + 5x + 257$$

$$yx = 500xy + 5x + 257$$

$$500xy + 5x + 257$$

The quality of mercy is not strained. It doth peth as the
gentle rain from heaven upon the place
beneath. It is twice blessed It blesseth him
that gives and him that takes. It is mightiest
among the mightiest. It becomes a throned
monarch better than his crown.

Make room and let him stand

Let a, x, y , be the three digits and as centes
digit = 0, the number is $100a \times y$

$$100a \times y + 396 = 100y \times a$$

$$100a \times y - 5(a+x+y) = 257$$

$$100a, xy + 396 = 100y, xa.$$

$$100a \times y - 5a + 5x + 5y = 257.$$

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Make ~~not~~ ¹¹⁰ 2nd let him stand before our face
Shylock the world thinks and I think so to that
thou but leadest this fashion of thy malice
unto the last hour of act and then it is thought
I should shew thy mercy and remorse more strange
than is thy strange apparent cruelty, and where
thou now exactest the penalty which is a pound
of this poor merchants flesh that thou wilt not
only loose the forfeiture but touched with
human gentleness and love will forgive a moiety
of principal. Glancing an eye of pity on his
losses which have of late so maulled on his
back.

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ADDITION TABLE.

1 and	2 and	3 and	4 and	5 and	6 and	7 and	8 and	9 and	10 and	11 and	12 and
1 are 2	1 are 3	1 are 4	1 are 5	1 are 6	1 are 7	1 are 8	1 are 9	1 are 10	1 are 11	1 are 12	1 are 13
2 - 3	2 - 4	2 - 5	2 - 6	2 - 7	2 - 8	2 - 9	2 - 10	2 - 11	2 - 12	2 - 13	2 - 14
3 - 4	3 - 5	3 - 6	3 - 7	3 - 8	3 - 9	3 - 10	3 - 11	3 - 12	3 - 13	3 - 14	3 - 15
4 - 5	4 - 6	4 - 7	4 - 8	4 - 9	4 - 10	4 - 11	4 - 12	4 - 13	4 - 14	4 - 15	4 - 16
5 - 6	5 - 7	5 - 8	5 - 9	5 - 10	5 - 11	5 - 12	5 - 13	5 - 14	5 - 15	5 - 16	5 - 17
6 - 7	6 - 8	6 - 9	6 - 10	6 - 11	6 - 12	6 - 13	6 - 14	6 - 15	6 - 16	6 - 17	6 - 18
7 - 8	7 - 9	7 - 10	7 - 11	7 - 12	7 - 13	7 - 14	7 - 15	7 - 16	7 - 17	7 - 18	7 - 19
8 - 9	8 - 10	8 - 11	8 - 12	8 - 13	8 - 14	8 - 15	8 - 16	8 - 17	8 - 18	8 - 19	8 - 20
9 - 10	9 - 11	9 - 12	9 - 13	9 - 14	9 - 15	9 - 16	9 - 17	9 - 18	9 - 19	9 - 20	9 - 21
10 - 11	10 - 12	10 - 13	10 - 14	10 - 15	10 - 16	10 - 17	10 - 18	10 - 19	10 - 20	10 - 21	10 - 22
11 - 12	11 - 13	11 - 14	11 - 15	11 - 16	11 - 17	11 - 18	11 - 19	11 - 20	11 - 21	11 - 22	11 - 23
12 - 13	12 - 14	12 - 15	12 - 16	12 - 17	12 - 18	12 - 19	12 - 20	12 - 21	12 - 22	12 - 23	12 - 24

SUBTRACTION.—By reversing the above Table Subtraction is learnt, thus: instead of saying 1 and 1 are 2, say 1 from 2 and 1 remains; 1 from 3 and 2 remains.

MULTIPLICATION TABLE.

2 times	3 times	4 times	5 times	6 times	7 times	8 times	9 times	10 times	11 times	12 times
1 are 2	1 are 3	1 are 4	1 are 5	1 are 6	1 are 7	1 are 8	1 are 9	1 are 10	1 are 11	1 are 12
2 - 4	2 - 6	2 - 8	2 - 10	2 - 12	2 - 14	2 - 16	2 - 18	2 - 20	2 - 22	2 - 24
3 - 6	3 - 9	3 - 12	3 - 15	3 - 18	3 - 21	3 - 24	3 - 27	3 - 30	3 - 33	3 - 36
4 - 8	4 - 12	4 - 16	4 - 20	4 - 24	4 - 28	4 - 32	4 - 36	4 - 40	4 - 44	4 - 48
5 - 10	5 - 15	5 - 20	5 - 25	5 - 30	5 - 35	5 - 40	5 - 45	5 - 50	5 - 55	5 - 60
6 - 12	6 - 18	6 - 24	6 - 30	6 - 36	6 - 42	6 - 48	6 - 54	6 - 60	6 - 66	6 - 72
7 - 14	7 - 21	7 - 28	7 - 35	7 - 42	7 - 49	7 - 56	7 - 63	7 - 70	7 - 77	7 - 84
8 - 16	8 - 24	8 - 32	8 - 40	8 - 48	8 - 56	8 - 64	8 - 72	8 - 80	8 - 88	8 - 96
9 - 18	9 - 27	9 - 36	9 - 45	9 - 54	9 - 63	9 - 72	9 - 81	9 - 90	9 - 99	9 - 108
10 - 20	10 - 30	10 - 40	10 - 50	10 - 60	10 - 70	10 - 80	10 - 90	10 - 100	10 - 110	10 - 120
11 - 22	11 - 33	11 - 44	11 - 55	11 - 66	11 - 77	11 - 88	11 - 99	11 - 110	11 - 121	11 - 132
12 - 24	12 - 36	12 - 48	12 - 60	12 - 72	12 - 84	12 - 96	12 - 108	12 - 120	12 - 132	12 - 144

DIVISION.—To apply this Table to Division reverse it, thus: instead of saying 3 times 1 are 3, say 3's in 3 are 1, or go once; 3's in 6 are 2, or go twice.

ARITHMETICAL TABLES.

Numeration.		ARITHMETICAL TABLES.		Land Survey Measure.	
Units.....	1			792 Inches.....	1 Link
Tens.....	12			100 Links.....	1 Chain
Hundreds.....	123			1 Chain.....	66 Feet
Thousands.....	1,234			10 Sq. Chains.....	1 Acre
Tens of Thousands.....	12,345				
C. of Thousands.....	123,456				
Millions.....	1,234,567				
C. of Millions.....	12,345,678				
The number represented in the last line is read: One hundred and twenty-three million, four hundred and fifty-six thousand and eighty-nine.					
Numerals.		Long Measure.		Time Measure.	
ARABIC.	ROMA	12 Lines.....	1 Inch	60 Seconds.....	1 Minute
1.....	I	4 Inches.....	1 Hand	60 Minutes.....	1 Hour
2.....	II	12 Inches.....	1 Foot	24 Hours.....	1 Day
3.....	III	3 Feet.....	1 Yard	7 Days.....	1 Week
4.....	IV	6 Feet.....	1 Fathom	4 Weeks.....	1 Month
5.....	V	54 Yards.....	1 Rod or Pole	12 Months.....	1 Year
6.....	VI	40 Fods.....	1 Furlong	365 1/4 Days.....	1 Year
7.....	VII	8 Furlongs.....	1 Mile	100 Years.....	1 Century
8.....	VIII	3 Miles.....	1 League		
9.....	IX	99 1/2 Miles.....	1 Degree		
10.....	X	1760 Yds. or 5280 ft.	1 Mile		
11.....	XI	60 1/2 fms.	1 Nautical Mile		
12.....	XII				
13.....	XIII				
14.....	XIV				
15.....	XV				
16.....	XVI				
17.....	XVII				
18.....	XVIII				
19.....	XIX				
20.....	XX				
21.....	XXI				
22.....	XXII				
23.....	XXIII				
24.....	XXIV				
25.....	XXV				
26.....	XXVI				
27.....	XXVII				
28.....	XXVIII				
29.....	XXIX				
30.....	XXX				
100.....	C				
500.....	D				
1000.....	M				
Cubic, or Solid Measure.		Dry Measure.		Apothecaries' Weight.	
1728 Inches.....	1 Solid Foot	2 Pints.....	1 Quart	20 Grains.....	1 Scruple
27 Feet.....	1 Solid Yard	4 Quarts.....	1 Gallon	3 Scruples.....	1 Dram
42 Feet.....	1 Ton Shipping	2 Gallons.....	1 Peck	8 Drams.....	1 Ounce
123 Feet.....	1 Cord Wood	4 Pecks.....	1 Bushel	12 Ounces.....	1 Pound
		36 Bushels.....	1 Chaldron		