

— History —

French-European History



Notable French Families

- * The French and American History of Michel Antoine Garoutte-Lascour
- * The Southern French History of the Espinassy, Garoutte and Lascour Families

French Revolution Military History

- * Military Engagements of Antoine Joseph Marie d'Espinassy de Fontanelle
- * Early Napoleonic Military Campaigns
- * Emperor Napoleon Buonaparte and Empress Josephine

French Catholic Crusader Military History

- * Military Campaigns of Louis IX, The King of France
- * Short History of the Order of the Holy Sepulchre of Jerusalem
- * Traceable Origins of the Order of Saint Louis IX of the Kingdom of France

European-Catholic Biblio History

- * Traceable Origins of La Hypnerotomachia de Poliphili, Fancesco Colonna
- * Important List of Medieval Occult Sources

Western-European, Northern-European Medieval History

- * Important Claymores

Frisian-European History

Early Frisian History

- * Early Roman and Frisian Encounters

Frisian Catholic Crusader History

- * Frisians of the Catholic Crusades

North-American History

Piracy

- * Pirates of the California Coast

Indigenous

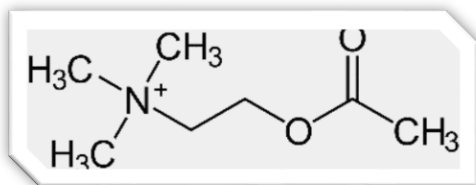
- * Migrations of Cherokee and Chippewa People
- * American Western Expansion Military Campaigns

— Human Biology —

Human Brain Chemistry

Acetylcholine

- * The Science of Acetylcholine



— Computer Science —

Computer Programming

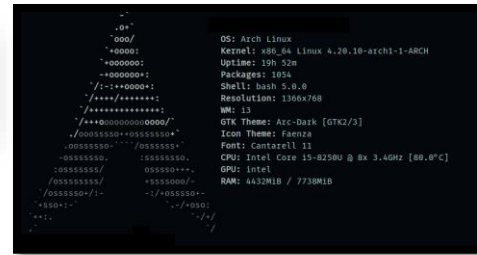
- * Inherited Error From Binary Systems

```
session_status(): int
```

session_status() is used to return the current session status.

Digital Information Security

- * Insecurity In Session Functions and Sessions Across All Computer Programming Languages
- * Securing Programming Code From Digital Exploits Across All Computer Programming Languages
- * The Real 007 Spectre — The Ultimate Ghost In The Shell
- * The Real 007 Spectre and Why Intel Should Still Be Very, Very Afraid



```
for (int i = 0; i <= 15; i++) {  
    buffer[i] = 7;  
}
```

— Mathematics —

Geometry

Higher Dimensional Geometry

- * Relationships Between Exponents, Exponent Roots and Higher Dimensional Shapes
- * Tesseract, Penteracts and The Fifth Exponents

Handwritten notes on a grid background titled "LIGHTNING MENTAL EXPONENTS". The notes include a table of powers of 2, 3, 4, 5, 6, 7, 8, 9, and 10, along with a section for "RECURRING NUMBERS".

MEMORIZE IN 4 DAYS

1-2...60 NUMBERS...62

4-6...127 NUMBERS...150

7-9...158 NUMBERS...167

10...65 NUMBERS

418 NUMBERS

610 NUMBERS

637 NUMBERS

RECURRING NUMBERS

7...10x 4096...2x

4...2x 9...2x

8...2x 8...2x

9...2x 729...2x

16...2x 6561...2x

64...3x 59049...2x

256...2x 512...2x

512...2x

729...2x

4096...2x

9-1-22

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Lightning Mental Calculating Arithmetic

* Ancient and Present-Day Prestigious Mental Arithmetic and Their Human Calculators, With World Sources

* Lightning Mental Addition For 4 Digits * 4 Digits Mental Multiplication In < ~ 60 Seconds

ALGORITHMS AND METHODOLOGIES

ADDITION FROM LEFT TO RIGHT BY ADDING THE BASE NUMBERS

NOTE #1
Once a lightning mental calculator has learned to quickly and memorably remember up to 10 Digit Numbers in 30 seconds or less the lightning mental calculator can then add together up to 10 ranges of 10 Digit numbers, and any combination in between at lightning speed without any visual aid. By breaking down the numbers to the base numbers and then adding them together one can jump to lightning speed in addition and subtraction.

EXAMPLE #1
2 ROWS
2 DIGITS + 2 DIGITS
86 + 43 = 129
80 + 40 = 120
6 + 3 = 9
120 + 9 = 129

EXAMPLE #2
2 ROWS
3 DIGITS + 3 DIGITS
443 + 864 = 1307
400 + 800 = 1200
40 + 60 = 100
3 + 4 = 7
1200 + 100 + 7 = 1307

EXAMPLE #3
2 ROWS
4 DIGITS + 4 DIGITS
2694 + 7296 = 9990
2000 + 7000 = 9000
600 + 200 = 800
90 + 10 = 100
4 + 6 = 10
9000 + 800 + 100 + 10 = 9990

EXAMPLE #4
2 ROWS
10 DIGITS + 10 DIGITS
9436218287 + 9893269496 = 18279485783

Partials of Addition and Subtraction
932 + 896 = 1828

Counting objects in groups
100's
Original work
G.C. Johnson
10-05-22

Summation
The act of adding things together. The act of summing things up.

Counting objects in groups
100's or more

Practice adding by counting
the number of letters in the words that you read.
61 letters and 7 joined characters = 62 chars

METHODOLOGIES AND ALGORITHMS

7 SERIES - (3 DIGIT X 3 DIGIT) =

EXAMPLE #1
974 x 268 = 261032

900 x 200 = 180,000
900 x 60 = 54,000
900 x 8 = 7,200
70 x 200 = 14,000
70 x 60 = 4,200
70 x 8 = 560
4 x 200 = 800
4 x 60 = 240
4 x 8 = 32

SUMMATION IN 5 SECONDS
180,000 + 54,000 + 7,200 = 241,200
241,200 + 14,000 + 4,200 = 259,400
259,400 + 560 = 260,000
260,000 + 800 + 240 + 32 = 261,032

SUMMATION IN 5 SECONDS
261,032

ALGEBRAIC
SIMULTANEOUS
a.b.c x d.e.f
a.d b.d
a.e b.e
a.f b.f
c.d c.e
c.f

G.C. Johnson
9-7-22

METHODOLOGIES AND ALGORITHMS

EXAMPLE
968 x 4482 = 43309566

4 DIGIT X 4 DIGIT MENTAL MULTIPLICATION IN 45 SECONDS

9000 x 4000 = 36,000,000
9000 x 400 = 3,600,000
9000 x 80 = 720,000
9000 x 2 = 18,000
3600 x 4000 = 14,400,000
3600 x 400 = 1,440,000
3600 x 80 = 288,000
3600 x 2 = 7,200
960 x 4000 = 3,840,000
960 x 400 = 384,000
960 x 80 = 76,800
960 x 2 = 1,920
3 x 4000 = 12,000
3 x 400 = 1,200
3 x 80 = 240
3 x 2 = 6

SUMMATION IN 5 SECONDS
36,000,000 + 3,600,000 + 720,000 + 18,000 + 14,400,000 + 1,440,000 + 288,000 + 7,200 + 3,840,000 + 384,000 + 76,800 + 1,920 + 12,000 + 1,200 + 240 + 6 = 43,309,566

SUMMATION IN 5 SECONDS
14,400,000 + 1,440,000 + 288,000 + 7,200 + 3,840,000 + 384,000 + 76,800 + 1,920 + 12,000 + 1,200 + 240 + 6 = 18,307,200

SUMMATION IN 5 SECONDS
3,840,000 + 384,000 + 76,800 + 1,920 + 12,000 + 1,200 + 240 + 6 = 4,330,120

SUMMATION IN 5 SECONDS
12,000 + 1,200 + 240 + 6 = 13,446

G.C. Johnson
10-3-

~ LIGHTNING MENTAL EXPONENTS ~

7 SERIES - 5^1 - 5^10

5^1 = 5
5^2 = 25
5^3 = 125
5^4 = 625
5^5 = 3125
5^6 = 15625
5^7 = 78125
5^8 = 390625
5^9 = 1953125
5^10 = 9765625

G.C.'s ALGORITHMS
PERFECT SQUARES
PERFECT CUBES
PERFECT FOURTHS
PERFECT FIFTHS
PERFECT SIXTHS
PERFECT SEVENTHS
PERFECT EIGHTHS
PERFECT NINTHS
PERFECT TENTHS

G.C. Johnson
8-29-22

LIGHTNING MENTAL CALENDAR CALCULATING

#7
31
July
0

#8
31
August
3

#9
30
September
6

#10
31
October
1

#11
31
January
1

Century Specific

21 st Century	= 1
20 th Century	= 0
19 th Century	+ 2
18 th Century	+ 3
Leap year	= 1

M	T	W	T	F	S	S
5	5	5	5	5	5	5
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1.4.4.0.2.5.0.3.6.7.4.6

#11
30
November
4

#6
30
June
5

0	1	2	3	4	5	6
S	S	M	T	W	T	F

Day of the Week Algorithm #1

- Year / 4
- Remainder + Year
- Sum + Month Table
- Sum + Day
- Sum / 7
- Remainder = Day Table

Example #1

January 28th of 1920

20	21	22	23	24	25	26
5	6	7	8	9	10	11
25	26	27	28	29	30	31
4	5	6	7	8	9	10

Leap year rule

Wednesday

#2
28
February
4

Day of the Week Algorithm #2

- Last 2 Digits of year / 4
- Difference + Last 2 Digits of year
- Sum + Month Table
- Sum + Day Number
- Sum / 7
- Remainder = Day Table

31	28	31	30	31	30	31	31	30	31	30	31
J	F	M	A	M	J	J	A	S	O	N	D

#5
31
May
2

#4
30
April
0

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9-24-22

#3
31
March
4