

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

*In the name of God, Allah,  
the Merciful everywhere, the Merciful everywhen*  
بِسْمِ اللَّهِ ذُو الرَّحْمَةِ الَّتِي وَسَعَتْ كُلَّ مَكَانٍ وَكُلَّ زَمَانٍ

# 114

## Mathematical Structure of the Quran

Ali Adams

علي عبد الرزاق عبد الكريم القره غولي

2019AD - 1440AH

[www.heliwave.com](http://www.heliwave.com)

The screenshot displays the QuranCode application interface. The main window shows the opening of Surah Al-Fatiha (Chapter 1, Verse 1). The text is displayed in Arabic, and the application is titled "QuranCode | Chapter 1 الفاتحة verse 1-1 word 2-2-2 Allahu (of) Allah, 1/2265". The interface includes a search bar, a list of chapters and verses, and a detailed analysis of the text. The analysis shows 2816 related words and 1913 related verses. The text is displayed in Arabic, and the application is titled "QuranCode | Chapter 1 الفاتحة verse 1-1 word 2-2-2 Allahu (of) Allah, 1/2265".

# QuranCode Project

## www.qurancode.com

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### CREDITS:

<http://tanzil.net> for the Quran text and translations.

<http://noorsoft.org> and Yudi Rohmad for the root database.

<http://qurandev.appspot.com> for the word meanings.

<http://corpus.quran.com> for the word grammar.

<http://everyayah.com> for live audio streaming.

Authors of any used open-source projects or code fragments.

The screenshot displays the Prime Calculator application. The main window shows the number 619. The calculator displays various mathematical operations and results, including  $4 \times 155 - 1$ , 114, 53, 466, 1, 191890, 7120, 3088, 19, 50, 44, 13, 6, and heliwave.com v6.19.1297.

If you find QuranCode useful, please recite chapters الإخلاص and الفاتحة for the spirits (أرواح) and the souls (أنفس) of its developers, sincere users, and their parents too. May Allah bless us all with guidance in this life and forgiveness and generous reward in the hereafter (مَغْفِرَةً وَأَجْرًا كَرِيمًا).

QuranCode is an opensource project with contributions from China, Egypt, Indonesia, Iran, Iraq, Kuwait, Morocco, Pakistan, Palestine, Russia and the UK.

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Mathematical Wonders of the Quran - 114 Amazing Numbers

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All praise to Almighty God for everything always.

In 2008, a breakthrough in understanding the structure of the Quran was born. Prime numbers which are the cornerstone of cryptography (secret writing) were discovered underlying the structure of the first chapter of the Quran, named The Opener or The Key (الفاتحة) and not The Opening or Introduction as widely misunderstood.

The Opener has 7 verses, 29 words and 139 letters all are prime numbers and their digit sums ( $7=7$ ,  $2+9=11$ ,  $1+3+9=13$ ) are prime numbers too. What's more, 729139 and 139297 are prime numbers with prime digit sums ( $7+2+9+1+3+9 = 1+3+9+2+9+7 = 31$ ) too. The term Additive Prime Number (AP) was born as well as the term Non-additive Prime Number (XP).

Everything fell into place. At last, the reason why the Quran is named Al-Quran, why Quran chapters are named Surahs (سورة), and why God Almighty never challenged us to produce anything below a Surah is clearly understood.

If the first chapter of the Quran is named The Key then the other 113 chapters are The encrypted Message waiting to be decrypted to reveal it Inner Text (hidden secrets)!

And the additive prime numbers pattern confirms that:

**Book = Key + Message**  
**114 chapters = 1 + 113** where 113 is additive prime .  
**6236 verses = 7 + 6229** where 7 and 6229 are additive primes.

Therefore, the Book of Islam is named Al-Quran because it is Readable despite being encrypted, a Readable Ciphertext!

The Outer Text (القرآن العظيم) gives us all Laws for living out our life peacefully, while its Inner Text (القرآن الكريم) - when decrypted by Imam Al-Mehdi (AS) because "None can access it except the Purified (لا يمسّه إلا المطهرون)" - will give us all Knowledge for mining Earth's resources to live in abundance and absolute joy.

The word Surah (سورة) is the feminine form of the word Sur (سور) meaning a Perimeter to protect an inner area. Each chapter is made up of many verses Or Ayahs (آية) of different lengths that act as variable-length encryption blocks in their chapter where the positions and distances-to-same of each letter, word, verse are part of the intertwined Quran's Code. We can finally understand why God Almighty never challenged us to produce anything below a chapter! Because a chapter is the Unit of encryption in the Quran!

The Quran has the following verses-per-chapter numbers:

```

7, 286, 200, 176, 120, 165, 206, 75, 129, 109,
123, 111, 43, 52, 99, 128, 111, 110, 98, 135,
112, 78, 118, 64, 77, 227, 93, 88, 69, 60,
34, 30, 73, 54, 45, 83, 182, 88, 75, 85,
54, 53, 89, 59, 37, 35, 38, 29, 18, 45,
60, 49, 62, 55, 78, 96, 29, 22, 24, 13,
14, 11, 11, 18, 12, 12, 30, 52, 52, 44,
28, 28, 20, 56, 40, 31, 50, 40, 46, 42,
29, 19, 36, 25, 22, 17, 19, 26, 30, 20,
15, 21, 11, 8, 8, 19, 5, 8, 8, 11,
11, 8, 3, 9, 5, 4, 7, 3, 6, 3,
5, 4, 5, 6

```

The purpose of this work is to collect verifiable patterns within the above 114 numbers in search for possible relationships between these numbers and the design of our universe.

Prime numbers together with these 114 numbers may contain all required information to control how light rays interact with each other. If true, then these numbers behave like a DNA controlling the creation process of our universe.

At a micro-level, as light rays emanate away from the center of the big bang's singularity point, they spiral clockwise or anticlockwise depending on the primality of their sequence numbers. Prime light rays helicate anticlockwise while composite light rays helicate clockwise. The first light ray (the unit) circulates the big bang center and never propagates away.

At a macro-level, the Quran's 114 verses-per-chapter numbers control the interactions among light rays to create our physical reality as matter (~5%), antimatter (~5%) and dark matter (~19%), while non-interacting light rays stay as dark energy (~71%) that expands space as stated in the Quran:

Quran 51:47 وَالسَّمَاءَ بَنَيْنَاهَا بِأَيْدٍ وَإِنَّا لَمُوسِعُونَ

"We indeed have built the heaven with Hands and We are expanding it."

Space expansion continues at an ever-decreasing rate as light rays lose energy to push outwards and come to a stand still and start collapsing back onto themselves in a big crunch as stated in the Quran:

Quran 21:104 يَوْمَ نَطْوِي السَّمَاءَ كَطَيِّ السِّجِلِّ لِلْكُتُبِ كَمَا بَدَأْنَا أَوَّلَ خَلْقٍ نَعِيدُهُ وَعَدًا عَلَيْنَا إِنَّا كُنَّا فَاعِلِينَ

"On a day when We will roll up the heaven the way a scribe rolls his scrolls; As We started the first creation, We repeat it. A binding promise, We indeed shall do."

In order to satisfy the Helical Particle Waves theory (Len Gaasenbeek, Canada, 1990) and based on the assumption of the Union Dipole theory (Abdulsalam Al-Mayahi, UK, 2004) that the universe is built upon a single physical constant namely "the Golden ratio", it is proposed by this author that:

$$\text{Helical wavelength} \div \text{Helical diameter} = \text{Golden ratio } (\phi)$$

Thus, the higher the wave frequency, the smaller the helical diameter but never becomes zero.

<http://heliwave.com/Reality.html>

<http://heliwave.com/Helical.Particle.Waves.pdf>

<http://heliwave.com/UnionDipole.pdf>

## SUMMARY OF PATTERNS

### 1. Quran has 114 chapters

where

114th prime number = 619

114 =  $6 \times 19$

Chapter 114 has 6 verses

"Oh Allah, please bring nearer to You Muhammed and the household of Muhammed."

اللهم صل على محمد وآل محمد has a Frequency\_Linear value = 152

152 =  $8 \times 19$  where 8th prime = 19

152 = 74th additive composite

19th composite = 30

Quran 74:30 "Guarded by nineteen."

"There is no god but Allah. Muhammed is the Messenger of Allah."

لا اله الا الله محمد رسول الله has a Frequency\_Linear value = 114

لا اله الا الله محمد رسول الله has an Abjad\_Gematria value = 619

"There is no god but Allah. Muhammed is the Messenger of Allah.

Ali is the Patron of Allah."

لا اله الا الله محمد رسول الله علي ولي الله has a Frequency\_4n+1 value =  $2 \times 619 = C1034$

where 1034 is the Alphabet\_Primes1 value of بسم الله الرحمن الرحيم

لا اله الا الله محمد رسول الله علي ولي الله has an Abjad\_Gematria value =  $29 \times 29 = 4 \times 210 + 1$

where 210 is the Alphabet\_Primes1 value of the word محمد

Total number of letters in the last word of each chapter (114 words) = 619

There are 13 verses in the Quran whose number = 114.

The occurrence of letters of "كتاب الله" in them = 619.

There are 4 verses in the Quran with the word "كتاب".

The occurrence of letters of "كتاب الله" in them = 114.

### 2. Quran 74:30 "Guarded by nineteen."

where

19 = 8th prime

19th composite = 8th non-additive composite = 30

19th additive composite = 30th composite

Chapter 67 (19th prime) has 30 (19th composite) verses.

Allah uses 30 whole numbers in the Quran:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 19, 20, 30, 40, 50, 60, 70, 80, 99, 100, 200, 300, 1000, 2000, 3000, 5000, 50000 and 100000.

Allah uses 8 fractions in the Quran:

1/10, 1/8, 1/6, 1/5, 1/4, 1/3, 1/2 and 2/3.

3. Quran 39:23 "Allah has revealed the best of Sayings; a bi-symmetrical Book, ..." where:

Sum of chapter numbers = 6555  
 Sum of verses per chapter = 6236  
 There are 57 odd Chapter+Verse sums  
 There are 57 even Chapter+Verse sums  
 Sum of odd Chapter+Verse sums = 6555  
 Sum of even Chapter+Verse sums = 6236

Chapter 57 has 29 verses

where

57 is half the total number of chapters 114  
 29 is the middle number between 1 to 57  
 $57 \times 29 = 1653$   
 16th prime number = 53  
 There are 16 additive prime chapter numbers  
 There are 53 additive composite chapter numbers

4. Quran Chapter+Verse sums point to the golden ratio ( $\phi$ ) where:

d = Sum of duplicate Chapter+Verse sums = 7906  
 u = Sum of unique Chapter+Verse sums = 4885  
 $d \div u = 7906 \div 4885 = 1.618... \approx \phi$

5. Sum of chapter numbers - Sum of verses per chapter =  
 6555 - 6236 = 319

The first two pages of the Quran = 319 letters (including the hamza of waBil-Aa'khira)  
 The first 7 verses on page three = 319 letters (including the hamza of Al-Aa'khira)

The Alphabet\_Primel value of the 319th word in chapter 29 = 319  
 The Abjad\_Gematria value of the 319th word in chapter 29 = 319

$619^{114} = 319$  digits composite number:

17895094176505620351005007198776163300180065879624630164518028602030000759743640157607777  
 43539459121670921820714043268507540283621253602198272994827559646127695600981086594257955  
 35054257268551708653359754512616749584613169384289614385458404554560615906068000981851197  
 8548221537347743658271164279170910759485028876617721

114 is the 83rd composite number  
 114 is the 53rd additive-composite number  
 319 is the 83rd non-additive composite number  
 619 is the 53rd non-additive prime number

Chapter 53 has 62 verses  
 Chapter 83 has 36 verses  
 The Quran has 6236 verses

Sum of chapter numbers with Chapter+Verses of 114 = 319

C	V	C+V
15	99	114
39	75	114
70	44	114
88	26	114
107	7	114
319	251	570

The Alphabet\_Prime1 value of Ali (علي) = 251

7. The Abjad\_Gematria value of Ali (علي) = 110  
 The first occurrence of Ali (علي) in the Quran is at position 110 in the word عليهم.

8. Letters of chapter The Key = Letters of the names of Ahlul-Bayt (as) = 139

Chapter 1: The Key

بسم الله الرحمن الرحيم  
الحمد لله رب العلمين  
الرحمن الرحيم  
ملك يوم الدين  
اياك نعبد واياك نستعين  
اهدنا الصراط المستقيم  
صراط الذين انعمت عليهم غير المغضوب عليهم ولا الضالين

Names of Ahlul-Bayt (as):

محمد المصطفى  
علي المرتضى  
فاطمة الزهراء  
حسن المجتبي  
حسين الشهيد  
علي السجاد  
محمد الباقر  
جعفر الصادق  
موسى الكاظم  
علي الرضا  
محمد الجواد  
علي الهادي  
حسن العسكري  
محمد المهدي

9. Sum of word letter positions in chapter The Key =  
Sum of numbers from 1 to number of words in chapter The Key:

Letter positions in words:

123 1234 123456 123456  
12345 123 12 1234567  
123456 123456  
123 123 12345  
1234 1234 12345 123456  
12345 12345 12345678  
123 12345 12345 12345 123 1234567 12345 123 1234567

Sum of letter positions in words:

1+2+3 1+2+3+4 1+2+3+4+5+6 1+2+3+4+5+6  
1+2+3+4+5 1+2+3 1+2 1+2+3+4+5+6+7  
1+2+3+4+5+6 1+2+3+4+5+6  
1+2+3 1+2+3 1+2+3+4+5  
1+2+3+4 1+2+3+4 1+2+3+4+5 1+2+3+4+5+6  
1+2+3+4+5 1+2+3+4+5 1+2+3+4+5+6+7+8  
1+2+3 1+2+3+4+5 1+2+3+4+5 1+2+3+4+5 1+2+3 1+2+3+4+5+6+7 1+2+3+4+5 1+2+3  
1+2+3+4+5+6+7

Sum of letter position sums in words:

6+10+21+21 = 58  
15+6+3+28 = 52  
21+21 = 42  
6+6+15 = 27  
10+10+15+21 = 56  
15+15+36 = 66  
6+15+15+15+6+28+15+6+28 = 134

-----  
Sum 58+52+42+27+56+66+134 = 435

Sum of numbers from 1 to 29 = 435

= 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

10. Sum of digital roots of Primatology values of letters in chapter The Key =  
Number of pages in the Quran = 604

Original

Original	Σ	19
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ	Σ1	1
الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ	Σ28	7
الرَّحْمَنِ الرَّحِيمِ	Σ90	29
مَلِكِ يَوْمِ الدِّينِ	Σ435	139
إِيَّاكَ نَعْبُدُ وَإِيَّاكَ نَسْتَعِينُ		
أَهْدِنَا الصِّرَاطَ الْمُسْتَقِيمَ		
صِرَاطَ الَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ الْمَغْضُوبِ عَلَيْهِمْ وَلَا الضَّالِّينَ		
<b>Alphabet Primes</b>	<b>604</b>	
2x2x151	مجموع جذور قيم الحروف	
493	337	
456	460	182710
4020	735	75
4:111	2:38	2:11

-----	107	8	79	7	5	5
Value Root	97	7	97	7	61	7
-----	2	2	37	1	83	2
3	3	83	2	5	107	8
37	1	29	2	61	7	101
89	8	13	4	107	8	89
2	2	89	8	97	7	67
83	2	97	7	2	2	107
83	2	2	2	101	2	29
101	2	83	2	19	1	2
2	2	29	2	97	7	83
83	2	13	4	2	2	89
29	2	107	8	2	2	67
13	4	89	8	83	2	47
89	8	89	8	43	7	103
97	7	83	2	29	2	3
2	2	79	7	53	8	61
83	2	107	8	2	2	83
29	2	103	4	83	2	107
13	4	89	8	89	8	101
107	8	2	2	37	1	89
89	8	83	2	5	5	103
2	2	19	1	73	1	83
83	2	107	8	107	8	2
13	4	97	7	89	8	2
89	8	2	2	43	7	83
19	1	107	8	29	2	47
83	2	2	2	53	8	2
83	2	79	7	2	2	83
101	2	97	7	83	2	107
29	2	61	7	23	5	97
3	3	3	3	107	8	-----
2	2	19	1	97	7	8317
83	2	103	4	2	2	604
61	7	2	2	97	7	-----
83	2	107	8	61	7	
89	8	2	2	89	8	

Quran Pages = 604



**DEFINITIONS**

Division by 1 does not split a number into smaller parts and is therefore redundant. This is why number 1 is not prime because it is indivisible. It is the Unit.

The Unit	{U}	= Whole number that is indivisible.
Prime number	{P}	= Whole number that is divisible by itself only.
Additive Prime	{AP}	= Prime with a prime digit sum.
Non-additive Prime	{XP}	= Prime with a non-prime digit sum.
Composite number	{C}	= Whole number that is divisible by itself and others.
Additive Composite	{AC}	= Composite with a composite digit sum.
Non-additive Composite	{XC}	= Composite with a non-composite digit sum.

{U}	= 1
{P}	= 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, ...
{AP}	= 2, 3, 5, 7, 11, 23, 29, ...
{XP}	= 13, 17, 19, 31, 37, ...
{C}	= 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, ...
{AC}	= 4, 6, 8, 9, 15, 18, 22, 24, ...
{XC}	= 10, 12, 14, 16, 20, 21, 25, ...

Semiprime = composite with two prime divisors.

Sphenic number = composite with three distinct prime divisors.

Digit sum = the sum of all digits of a number.

ds(8317) = 8+3+1+7 = 19

Excel formula: =SUM(INDEX(1\*(MID(A2,ROW(INDIRECT("1:"&LEN(A2))),1)),,))

Digital root = the final single digit sum of recursive digit sums = 1+[N-1(mod 9)].

dr(8317) = 1 because 8+3+1+7=19, 1+9=10, 1+0=1

Excel formula: =IF(AND(MOD(A2,9)=0;A2>=9);9;MOD(A2,9))

Divisors: All divisors of a number. [25 divisors are 1, 5, 25]

Proper Divisors: All divisors of a number except itself. [25 proper divisors are 1, 5]

Abundant Number: {AB} Sum of proper divisors > number

[12 proper divisors are 1, 2, 3, 4 and 6]

[12 = AB1 with sum of proper divisors = 1+2+3+4+6 = 16]

Perfect Number: {PF} Sum of proper divisors = number

[28 proper divisors are 1, 2, 4, 7 and 14]

[28 = PF2 with sum of proper divisors = 1+2+4+7+14 = 28]

Deficient Number: {DF} Sum of proper divisors < number

[25 proper divisors are 1 and 5]

[25 = DF20 with sum of proper divisors = 1+5 = 6]

Amicable Number: {AM}

Sum of proper divisors of number A = number B and

Sum of proper divisors of number B = number A.

Sum of proper divisors of 220 = 1+2+4+5+10+11+20+22+44+55+110 = 284

Sum of proper divisors of 284 = 1+2+4+71+142 = 220

[http://en.wikipedia.org/wiki/Amicable\\_numbers](http://en.wikipedia.org/wiki/Amicable_numbers)

{Co} = Coprime or Relatively prime numbers are numbers with no common prime divisors.

Two numbers are coprime if their Greatest Common Divisor = 1.

14 and 55 are coprimes because GCD(14, 55) = 1.

14 divisors are 1, 2, 7, 14

55 divisors are 1, 5, 11, 55

## QURAN SYMMETRY

First 7 verses = 29 words

بسم الله الرحمن الرحيم  
الحمد لله رب العلمين  
الرحمن الرحيم  
ملك يوم الدين  
اياك نعبد واياك نستعين  
اهدنا الصراط المستقيم  
صراط الذين انعمت عليهم  
غير المغضوب عليهم ولا الضالين

First 7 words = 29 letters

بسم الله الرحمن الرحيم  
الحمد لله رب

Last 7 verses = 29 words

ومن شر حاسد اذا حسد  
بسم الله الرحمن الرحيم قل اعوذ برب الناس  
ملك الناس  
اله الناس  
من شر الوسواس الخناس  
الذي يوسوس في صدور الناس  
من الجنه والناس

Last 7 words = 29 letters

يوسوس في صدور الناس  
من الحنه والناس

where 29 is the 7th additive prime number

where 29 is the 7th additive prime number

and 29 is a Fermat's prime of the form  $4n+1 = a^2 + b^2$  where  $n = 7$  and  $a+b = 2+5 = 7$

There are 79940 ways to choose 7 words with 29 letters from the first 7 verses and 402897600 ways of choosing 7 ordered words with 29 letters from the first 7 verses. Chapter 1 The Key is also called "The Mother of the Book" so these different ways each produce a word from the Quran.

The only known prime repunit (repeated units) numbers are:

[illegible]

...

with 2, 19, 23, 317, 1031, 49081, 86453, 109297 and 270343 "1" digits.

See <http://oeis.org/A004023>

The first 7 verses of the Ouran use 109 letters of verse 1's (bismAllah) letters.

The last 7 verses of the Ouran use 109 letters of chapter 1's (Fatiha) letters.

The 8th prime repunit has 109297 digits of "1"s.

**SPECIAL NUMBERS**

{ 7, 29, 139 }

Quran's chapter 1 (The Opener) has 7 verses, 29 words and 139 letters.  
 All are primes with prime digit sums ( $7=7$ ,  $2+9=11$ ,  $1+3+9=13$ ).  
 Left-to-right concatenation (729139) and right-to-left concatenation (139297)  
 are also primes with a prime digit sum ( $7+2+9+1+3+9=31$ ).

The digit sums 7, 11, 13 are consecutive primes as identified Dr Haifeng Xu and  
 Zuyi Zhang, Mathematics Department, Yangzhou University, China.  
 { 7, 29, 139 } is the first triplet in a series with such properties and was named  
 the "Quran Triplet" series by Dr Xu ([http://www.researchgate.net/profile/Haifeng\\_Xu3](http://www.researchgate.net/profile/Haifeng_Xu3)).

Quran = Key + Message  
 114 chapters = 1 + 113  
 6236 verses = 7 + 6229  
 where:  
 113, 7 and 6229 are primes with prime digit sums.

{ 5, 17, 41 }

Dr. Waleed Mohammed, School of Engineering, Bangkok University, Thailand has identified  
 three prime numbers equal to the sum of prime numbers from 2 up to their indices.  
<http://oeis.org/A260981>

$5 = P_3 = 2+3$   
 $17 = P_7 = 2+3+5+7$   
 $41 = P_{13} = 2+3+5+7+11+13$

{ 1, 6, 9 }

$169 = 13 \times 13$  [square number]  
 $196 = 14 \times 14$  [square number]  
 $619 = P_{114}$  [ $6 \times 19 = 114$ ]  
 $691 = P_{125}$  [ $125 = 5 \times 5 \times 5$  cubic number]  
 $916 = 4 \times 229$  [229 4-chapter groups with chapter sum = 229 and verse sum = 229]  
 $961 = 31 \times 31$  [square number]

{ 114, 506 }

$114 \div 2 = 57$   
 $\text{median}(1 \dots 57) = 29$   
 $57 \times 29 = 1653$   
 $P_{16} = 53$   
 There are 16 additive primes up to 114  
 There are 53 additive composites up to 114

$506 \div 2 = 253$   
 $\text{median}(1 \dots 253) = 127$   
 $253 \times 127 = 32131$   
 $P_{32} = 131$   
 There are 42 non-additive primes up to 506 (10 primes have digit sum = 10)  
 There are 131 non-additive composites up to 506

$P_{114} = 619$   
 $114 + 506 = 620$   
 $C_{506} = 621$

$AP_{319} = P_{621}$

$XC_{114} + AC_{114} - C_{114} = 506$   
 $436 + 220 - 150 = 506$

{ 19, 81 }

N	Total	-/+ Factorial Series Sum
01	1	= 1!
02	1	= 2!-1!
03	7	= 3!+2!-1!
04	19	= 4!-3!+2!-1!
05	139	= 5!+4!-3!+2!-1!
06	619	= 6!-5!+4!-3!+2!-1!
07	5659	= 7!+6!-5!+4!-3!+2!-1!
08	35899	= 8!-7!+6!-5!+4!-3!+2!-1!
09	398779	= 9!+8!-7!+6!-5!+4!-3!+2!-1!
10	3301819	= 10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
11	43218619	= 11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
12	442386619	= 12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
13	6669407419	= 13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
14	81393657019	= 14!-13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
15	1389068025019	= 15!+14!-13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
16	19696509177019	= 16!-15!+14!-13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
17	375383937273019	= 17!+16!-15!+14!-13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
18	6066382786809019	= 18!-17!+16!-15!+14!-13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!
19	127711483195641019	= 19!+18!-17!+16!-15!+14!-13!+12!-11!+10!-9!+8!-7!+6!-5!+4!-3!+2!-1!

For N &gt;= 10, the Series Sum ends in 19.

M	Total	+/- Factorial Series Sum
01	1	= 1!
02	3	= 2!+1!
03	5	= 3!-2!+1!
04	29	= 4!+3!-2!+1!
05	101	= 5!-4!+3!-2!+1!
06	821	= 6!+5!-4!+3!-2!+1!
07	4421	= 7!-6!+5!-4!+3!-2!+1!
08	44741	= 8!+7!-6!+5!-4!+3!-2!+1!
09	326981	= 9!-8!+7!-6!+5!-4!+3!-2!+1!
10	3955781	= 10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
11	36614981	= 11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
12	515616581	= 12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
13	5784634181	= 13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
14	92962925381	= 14!+13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
15	1226280710981	= 15!-14!+13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
16	22149070598981	= 16!+15!-14!+13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
17	335990918918981	= 17!-16!+15!-14!+13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
18	6738364624646981	= 18!+17!-16!+15!-14!+13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
19	115578717622022981	= 19!-18!+17!-16!+15!-14!+13!-12!+11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!

For M &gt;= 9, the Series Sum ends in 81.

Note 1: M + N  
9 + 10 = 19

The first verse in the Quran consists of 19 letters and uses 10 unique letters.  
It starts all chapters of the Quran except chapter 9.

Note 2: M ending + N ending  
19+81 = 100  
19×81 = 1539 = Alphabet\_Primes1 value of the first 7 words in the Quran.

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
الْحَمْدُ لِلَّهِ رَبِّ

## THE PATTERNS

### Chapter-Verse Sums

Name	Chapter	Verses	Sum	Even Sum	Odd Sum
الفاتحة	1	7	8	8	
البقرة	2	286	288		
آل عمران	3	200	203		203
النساء	4	176	180		
المائدة	5	120	125		125
الأنعام	6	165	171	171	
الأعراف	7	206	213	213	
الأنفال	8	75	83	83	
التوبة	9	129	138		
يونس	10	109	119	119	
هود	11	123	134		
يوسف	12	111	123	123	
الرعد	13	43	56		
ابراهيم	14	52	66	66	
الحجر	15	99	114		
النحل	16	128	144		
الإسراء	17	111	128		
الكهف	18	110	128		
مريم	19	98	117	117	
طه	20	135	155	155	
الأنبياء	21	112	133		133
الحج	22	78	100		
المؤمنون	23	118	141		141
النور	24	64	88		
الفرقان	25	77	102	102	
الشعراء	26	227	253		253
النمل	27	93	120		
القصاص	28	88	116		
العنكبوت	29	69	98	98	
الروم	30	60	90		
لقمان	31	34	65	65	
السجدة	32	30	62		
الأحزاب	33	73	106		
سبا	34	54	88		
فاطر	35	45	80		
يس	36	83	119	119	
الصفات	37	182	219		219
ص	38	88	126		
الزمر	39	75	114		
غافر	40	85	125	125	
فصلت	41	54	95	95	
الشورى	42	53	95	95	
الزخرف	43	89	132		
الدخان	44	59	103	103	
الجاثية	45	37	82	82	
الأحقاف	46	35	81	81	
محمد	47	38	85	85	
الفتح	48	29	77	77	
الحجرات	49	18	67		67
ق	50	45	95	95	
الذاريات	51	60	111		111
الطور	52	49	101	101	
النجم	53	62	115	115	
القمر	54	55	109	109	
الرحمن	55	78	133	133	
الواقعة	56	96	152	152	
الحديد	57	29	86		
المجادلة	58	22	80	80	
الحشر	59	24	83	83	
الممتحنة	60	13	73		73
الصف	61	14	75	75	

الجمعة 62	11	73		73
المنافقون 63	63	11	74	74
التغابن 64	64	18	82	82
الطلاق 65	12	77		77
التحريم 66	66	12	78	78
الملك 67	30	97		97
القلم 68	52	120	120	
الحاقة 69	52	121		121
المعارج 70	70	44	114	114
نوح 71	28	99		99
الجن 72	28	100	100	
المزمل 73	20	93		93
المدثر 74	56	130	130	
القيامة 75	75	40	115	115
الانسان 76	31	107		107
المرسلات 77	77	50	127	127
النبي 78	40	118	118	
النازعات 79	79	46	125	125
عبس 80	42	122	122	
التكوير 81	81	29	110	110
الانفطار 82	82	19	101	101
المطففين 83	83	36	119	119
الانشقاق 84	84	25	109	109
البروج 85	22	107		107
الطارق 86	17	103		103
الأعلى 87	19	106	106	
الغاشية 88	88	26	114	114
الفجر 89	30	119		119
البلد 90	20	110	110	
الشمس 91	15	106	106	
الليل 92	21	113		113
الضحى 93	11	104	104	
الشرح 94	8	102	102	
التين 95	8	103		103
العلق 96	19	115		115
القدر 97	5	102	102	
البينة 98	8	106	106	
الزلزلة 99	99	8	107	107
العاديات 100	100	11	111	111
القارعة 101	101	11	112	112
التكاثف 102	102	8	110	110
العصر 103	3	106	106	
الهمزة 104	9	113		113
الفيل 105	5	110	110	
قريش 106	4	110	110	
الماعون 107	107	7	114	114
الكوثر 108	3	111		111
الكافرون 109	109	6	115	115
النصر 110	3	113		113
المسد 111	5	116	116	
الإخلاص 112	4	116	116	
الفلق 113	5	118	118	
الناس 114	6	120	120	
-----				
Count	114	114	114	57
-----				
Sum	6555	6236	12791	6236
-----				

Pattern 1: Number of even sums = number of odd sums = 57

Pattern 2: Sum of chapter numbers = sum of odd sums = 6555

Pattern 3: Sum of verses per chapter = sum of even sums = 6236

Pattern 4: Sum of all C+V sums = 12791 = 786th non-additive prime = Abjad\_Gematria value of Quran 1:1 "بسم الله الرحمن الرحيم".

Note 1: There are 786 verses with prime Abjad\_Gematria values.

Pattern 5a: Sum of duplicate C+V sums = 7906  
 Sum of unique C+V sums = 4885  
 Golden ratio ( $\phi$ )  $\approx 7906 \div 4885$

C	V	Duplicate Unique	
		C+V	C+V
1	7		8
2	286		288
3	200		203
4	176		180
5	120	125	
6	165		171
7	206		213
8	75	83	
9	129		138
10	109	119	
11	123		134
12	111		123
13	43		56
14	52		66
15	99	114	
16	128		144
17	111	128	
18	110	128	
19	98		117
20	135		155
21	112	133	
22	78	100	
23	118		141
24	64	88	
25	77	102	
26	227		253
27	93	120	
28	88	116	
29	69		98
30	60		90
31	34		65
32	30		62
33	73	106	
34	54	88	
35	45	80	
36	83	119	
37	182		219
38	88		126
39	75	114	
40	85	125	
41	54	95	
42	53	95	
43	89		132
44	59	103	
45	37	82	
46	35		81
47	38		85
48	29	77	
49	18		67
50	45	95	
51	60	111	
52	49	101	
53	62	115	
54	55	109	
55	78	133	
56	96		152
57	29		86
58	22	80	
59	24	83	
60	13	73	
61	14		75
62	11	73	

63	11		74
64	18	82	
65	12	77	
66	12		78
67	30		97
68	52	120	
69	52		121
70	44	114	
71	28		99
72	28	100	
73	20		93
74	56		130
75	40	115	
76	31	107	
77	50		127
78	40	118	
79	46	125	
80	42		122
81	29	110	
82	19	101	
83	36	119	
84	25	109	
85	22	107	
86	17	103	
87	19	106	
88	26	114	
89	30	119	
90	20	110	
91	15	106	
92	21	113	
93	11		104
94	8	102	
95	8	103	
96	19	115	
97	5	102	
98	8	106	
99	8	107	
100	11	111	
101	11		112
102	8	110	
103	3	106	
104	9	113	
105	5	110	
106	4	110	
107	7	114	
108	3	111	
109	6	115	
110	3	113	
111	5	116	
112	4	116	
113	5	118	
114	6	120	
-----			
Sum	6555	6236	7906 4885
-----			

Duplicate C+V ÷ Unique C+V  
 7906 ÷ 4885 = 1.6184237461617195496417604912999...  
 golden ratio ( $\phi$ ) = 1.6180339887498948482045868343656...  
 difference = 0.0003897574118247014371736569343...  
 error ~= 0.0241%  
[http://en.wikipedia.org/wiki/Golden\\_ratio](http://en.wikipedia.org/wiki/Golden_ratio)



Pattern 5b: Chapters with repunit (11 or 111) verses points to the golden ratio ( $\phi$ )  
 Sum of chapter numbers = 448  
 Sum of verses per chapter = 277  
 Golden ratio ( $\phi$ )  $\approx 448 \div 277$

C	V
12	111
17	111
62	11
63	11
93	11
100	11
101	11
Sum 448	277

Sum of chapters  $\div$  Sum of verses  
 $448 \div 277 = 1.6173285198555956678700361010830\dots$   
 golden ratio ( $\phi$ ) =  $1.6180339887498948482045868343656\dots$   
 difference =  $-0.0007054688942991803345507332826\dots$   
 error  $\approx -0.0436\%$   
[http://en.wikipedia.org/wiki/Golden\\_ratio](http://en.wikipedia.org/wiki/Golden_ratio)

Note 1:  $\phi$  = helical wavelength  $\div$  helical diameter

This equation is proposed by Ali Adams as the foundation for Helical Particle Waves theory by Len Gaasenbeek and is supported by the Union Dipole theory by Abdulsalam Al-Mayahi which proposed that all physical constants in nature are based up on the golden ratio.

Pattern 6a: Sum of C×V products = 209029 = 18721th prime = 11169th non-additive prime

C	V	C×V
1	7	7
2	286	572
3	200	600
4	176	704
5	120	600
6	165	990
7	206	1442
8	75	600
9	129	1161
10	109	1090
11	123	1353
12	111	1332
13	43	559
14	52	728
15	99	1485
16	128	2048
17	111	1887
18	110	1980
19	98	1862
20	135	2700
21	112	2352
22	78	1716
23	118	2714
24	64	1536
25	77	1925
26	227	5902
27	93	2511
28	88	2464
29	69	2001
30	60	1800
31	34	1054
32	30	960

33	73	2409	
34	54	1836	
35	45	1575	
36	83	2988	
37	182	6734	
38	88	3344	
39	75	2925	
40	85	3400	
41	54	2214	
42	53	2226	
43	89	3827	
44	59	2596	
45	37	1665	
46	35	1610	
47	38	1786	
48	29	1392	
49	18	882	
50	45	2250	
51	60	3060	
52	49	2548	
53	62	3286	
54	55	2970	
55	78	4290	
56	96	5376	
---> 57	29	1653	<--- Pivot chapter
58	22	1276	
59	24	1416	
60	13	780	
61	14	854	
62	11	682	
63	11	693	
64	18	1152	
65	12	780	
66	12	792	
67	30	2010	
68	52	3536	
69	52	3588	
70	44	3080	
71	28	1988	
72	28	2016	
73	20	1460	
74	56	4144	
75	40	3000	
76	31	2356	
77	50	3850	
78	40	3120	
79	46	3634	
80	42	3360	
81	29	2349	
82	19	1558	
83	36	2988	
84	25	2100	
85	22	1870	
86	17	1462	
---> 87	19	1653	<--- Support chapter
88	26	2288	
89	30	2670	
90	20	1800	
91	15	1365	
92	21	1932	
93	11	1023	
94	8	752	
95	8	760	
96	19	1824	
97	5	485	
98	8	784	
99	8	792	
100	11	1100	
101	11	1111	
102	8	816	

103	3	309
104	9	936
105	5	525
106	4	424
107	7	749
108	3	324
109	6	654
110	3	330
111	5	555
112	4	448
113	5	565
114	6	684

-----  
Sum 6555    6236    209029  
-----

Note 1: The 20th abundant number = 90 where Chapter 90 has 20 verses.

Pattern 6b: sum of duplicate C×V products = 17826                    = d  
              sum of unique        C×V products = 191203                = u  
              right unit triangle had a boundary                    = b = 1 + 1 + sqrt(2)  
              circle ratio (π)    ~ = (u÷d) ÷ b

C	V	Duplicate Unique	
		C×V	C×V
1	7		7
2	286		572
3	200	600	
4	176		704
5	120	600	
6	165		990
7	206		1442
8	75	600	
9	129		1161
10	109		1090
11	123		1353
12	111		1332
13	43		559
14	52		728
15	99		1485
16	128		2048
17	111		1887
18	110		1980
19	98		1862
20	135		2700
21	112		2352
22	78		1716
23	118		2714
24	64		1536
25	77		1925
26	227		5902
27	93		2511
28	88		2464
29	69		2001
30	60	1800	
31	34		1054
32	30		960
33	73		2409
34	54		1836
35	45		1575
36	83	2988	
37	182		6734
38	88		3344
39	75		2925
40	85		3400
41	54		2214
42	53		2226

43	89		3827
44	59		2596
45	37		1665
46	35		1610
47	38		1786
48	29		1392
49	18		882
50	45		2250
51	60		3060
52	49		2548
53	62		3286
54	55		2970
55	78		4290
56	96		5376
57	29	1653	
58	22		1276
59	24		1416
60	13	780	
61	14		854
62	11		682
63	11		693
64	18		1152
65	12	780	
66	12	792	
67	30		2010
68	52		3536
69	52		3588
70	44		3080
71	28		1988
72	28		2016
73	20		1460
74	56		4144
75	40		3000
76	31		2356
77	50		3850
78	40		3120
79	46		3634
80	42		3360
81	29		2349
82	19		1558
83	36	2988	
84	25		2100
85	22		1870
86	17		1462
87	19	1653	
88	26		2288
89	30		2670
90	20	1800	
91	15		1365
92	21		1932
93	11		1023
94	8		752
95	8		760
96	19		1824
97	5		485
98	8		784
99	8	792	
100	11		1100
101	11		1111
102	8		816
103	3		309
104	9		936
105	5		525
106	4		424
107	7		749
108	3		324
109	6		654
110	3		330
111	5		555
112	4		448

113	5	565
114	6	684
-----		
Sum	17826	191203
-----		

Unique C×V ÷ Duplicate C×V  
 191203 ÷ 17826 = 10.726074273533041624593290698979...

Right Unit Triangle base = 1  
 Right Unit Triangle height = 1  
 Right Unit Triangle hypotenuse = sqrt(2)  
 Right Unit Triangle boundary = (1 + 1 + sqrt(2))

(191203 ÷ 17826) ÷ (1 + 1 + sqrt(2)) = 3.1415944192072564620209444313063...  
 circle ratio (π) = 3.1415926535897932384626433832795...  
 difference = 0.0000017656174632235583010480268...  
 error ~ 0.0000562%

See <http://heliwave.com/pi.xls>

Note 1: 1 + sqrt(2) is called the silver ratio.  
 See [http://en.wikipedia.org/wiki/Silver\\_ratio](http://en.wikipedia.org/wiki/Silver_ratio)

Pattern 7a: The ratio of unique to duplicate bV sums ~ Euler's number (e)  
 bV is backward verses so chapter 1 gets verses of chapter 114 and so on.

C	Duplicate		Unique		Duplicate	Unique
	bV	bV	C+bV	C+bV	C+bV	
1	6		7	7		
2	5		7	7		
3	4		7	7		
4		5	9		9	
5		3	8		8	
6		6	12		12	
7		3	10		10	
8	7		15	15		
9		4	13		13	
10	5		15	15		
11		9	20		20	
12	3		15	15		
13		8	21		21	
14	11		25	25		
15		11	26		26	
16		8	24		24	
17	8		25	25		
18		5	23		23	
19		19	38		38	
20		8	28		28	
21		8	29		29	
22		11	33		33	
23		21	44		44	
24		15	39		39	
25		20	45		45	
26	30		56	56		
27		26	53		53	
28		19	47		47	
29		17	46		46	
30	22		52	52		
31	25		56	56		
32	36		68	68		
33	19		52	52		
34	29		63	63		
35	42		77	77		
36		46	82		82	
37	40		77	77		
38		50	88		88	

39		31	70		70
40	40		80	80	
41		56	97		97
42	20		62	62	
43		28	71		71
44		28	72		72
45		44	89		89
46		52	98		98
47		52	99		99
48		30	78		78
49		12	61		61
50	12		62	62	
51		18	69		69
52	11		63	63	
53		11	64		64
54	14		68	68	
55	13		68	68	
56	24		80	80	
57		22	79		79
58		29	87		87
59	96		155	155	
60		78	138		138
61		55	116		116
62	62		124	124	
63		49	112		112
64	60		124	124	
65		45	110		110
66		18	84		84
67		29	96		96
68		38	106		106
69		35	104		104
70		37	107		107
71		59	130		130
72		89	161		161
73		53	126		126
74		54	128		128
75		85	160		160
76		75	151		151
77		88	165		165
78		182	260		260
79		83	162		162
80		45	125		125
81		54	135		135
82	73		155	155	
83		30	113		113
84		34	118		118
85	60		145	145	
86	69		155	155	
87		88	175		175
88		93	181		181
89		227	316		316
90		77	167		167
91	64		155	155	
92		118	210		210
93		78	171		171
94		112	206		206
95	135		230	230	
96		98	194		194
97		110	207		207
98		111	209		209
99	128		227	227	
100		99	199		199
101		52	153		153
102	43		145	145	
103	111		214	214	
104	123		227	227	
105	109		214	214	
106		129	235		235
107		75	182		182
108		206	314		314

109		165	274		274
110	120		230	230	
111		176	287		287
112		200	312		312
113		286	399		399
114		7	121		121

-----  
Sum 6555 1679 4557 12791 3600 9191  
-----

Unique bV ÷ Duplicate bV =  
4557 ÷ 1679 = 2.7141155449672424061941631923764...  
Euler's number (e) = 2.7182818284590452353602874713527...  
difference = -0.0041662834918028291661242789763...  
error ~= -0.153%

[http://en.wikipedia.org/wiki/E\\_\(mathematical\\_constant\)](http://en.wikipedia.org/wiki/E_(mathematical_constant))

Pattern 7b: The ratio of V of initialized chapters to non-initialized chapters ~=  $\pi \div 4$   
The ratio of C×V of initialized chapters to non-initialized chapters ~=  $\varphi \div 4$

C	Non-Initialized		Initialized	
	V	C×V	V	C×V
1	7	7		
2			286	572
3			200	600
4	176	704		
5	120	600		
6	165	990		
7			206	1442
8	75	600		
9	129	1161		
10			109	1090
11			123	1353
12			111	1332
13			43	559
14			52	728
15			99	1485
16	128	2048		
17	111	1887		
18	110	1980		
19			98	1862
20			135	2700
21	112	2352		
22	78	1716		
23	118	2714		
24	64	1536		
25	77	1925		
26			227	5902
27			93	2511
28			88	2464
29			69	2001
30			60	1800
31			34	1054
32			30	960
33	73	2409		
34	54	1836		
35	45	1575		
36			83	2988
37	182	6734		
38			88	3344
39	75	2925		
40			85	3400
41			54	2214
42			53	2226
43			89	3827
44			59	2596
45			37	1665
46			35	1610

47	38	1786		
48	29	1392		
49	18	882		
50			45	2250
51	60	3060		
52	49	2548		
53	62	3286		
54	55	2970		
55	78	4290		
56	96	5376		
57	29	1653		
58	22	1276		
59	24	1416		
60	13	780		
61	14	854		
62	11	682		
63	11	693		
64	18	1152		
65	12	780		
66	12	792		
67	30	2010		
68			52	3536
69	52	3588		
70	44	3080		
71	28	1988		
72	28	2016		
73	20	1460		
74	56	4144		
75	40	3000		
76	31	2356		
77	50	3850		
78	40	3120		
79	46	3634		
80	42	3360		
81	29	2349		
82	19	1558		
83	36	2988		
84	25	2100		
85	22	1870		
86	17	1462		
87	19	1653		
88	26	2288		
89	30	2670		
90	20	1800		
91	15	1365		
92	21	1932		
93	11	1023		
94	8	752		
95	8	760		
96	19	1824		
97	5	485		
98	8	784		
99	8	792		
100	11	1100		
101	11	1111		
102	8	816		
103	3	309		
104	9	936		
105	5	525		
106	4	424		
107	7	749		
108	3	324		
109	6	654		
110	3	330		
111	5	555		
112	4	448		
113	5	565		
114	6	684		
-----				
Sum	6555	3493	148958	2743 60071



```

-----
Initialized V      ÷ Non-Initialized V    =
2743              ÷ 3493                  = 0.7852848554251359862582307472087...
circle ratio (π) ÷ 4                      = 0.7853981633974483096156608458199...
    difference                                     = -0.0001133079723123233574300986112...
    error                                           ~= -0.014%

```

<https://en.wikipedia.org/wiki/Pi>

```

Initialized C×V    ÷ Non-Initialized C×V =
60071             ÷ 148958                = 0.4032747485868499845594060070624...
golden ratio (φ) ÷ 4                      = 0.4045084971874737120511467085914...
    difference                                     = -0.0012337486006237274917407015290...
    error                                           ~= -0.305%

```

[http://en.wikipedia.org/wiki/Golden\\_ratio](http://en.wikipedia.org/wiki/Golden_ratio)

Pattern 7c: Sum of composite C+V sums ÷ Sum of prime C+V sums ~= 2 Euler's number  
 Sum of composite C×V products ÷ Sum of prime C×V products ~= 2 Euler's number

C	V	C+V	CSum	PSum	C×V	CSum	PSum
1	7	8	8		7	7	
2	286	288	288		572	572	
3	200	203	203		600	600	
4	176	180	180		704	704	
5	120	125	125		600	600	
6	165	171	171		990	990	
7	206	213	213		1442	1442	
8	75	83		83	600		600
9	129	138	138		1161	1161	
10	109	119	119		1090	1090	
11	123	134	134		1353	1353	
12	111	123	123		1332	1332	
13	43	56	56		559	559	
14	52	66	66		728	728	
15	99	114	114		1485	1485	
16	128	144	144		2048	2048	
17	111	128	128		1887	1887	
18	110	128	128		1980	1980	
19	98	117	117		1862	1862	
20	135	155	155		2700	2700	
21	112	133	133		2352	2352	
22	78	100	100		1716	1716	
23	118	141	141		2714	2714	
24	64	88	88		1536	1536	
25	77	102	102		1925	1925	
26	227	253	253		5902	5902	
27	93	120	120		2511	2511	
28	88	116	116		2464	2464	
29	69	98	98		2001	2001	
30	60	90	90		1800	1800	
31	34	65	65		1054	1054	
32	30	62	62		960	960	
33	73	106	106		2409	2409	
34	54	88	88		1836	1836	
35	45	80	80		1575	1575	
36	83	119	119		2988	2988	
37	182	219	219		6734	6734	
38	88	126	126		3344	3344	
39	75	114	114		2925	2925	
40	85	125	125		3400	3400	
41	54	95	95		2214	2214	
42	53	95	95		2226	2226	
43	89	132	132		3827	3827	
44	59	103		103	2596		2596
45	37	82	82		1665	1665	
46	35	81	81		1610	1610	
47	38	85	85		1786	1786	
48	29	77	77		1392	1392	

49	18	67		67	882		882
50	45	95	95		2250	2250	
51	60	111	111		3060	3060	
52	49	101		101	2548		2548
53	62	115	115		3286	3286	
54	55	109		109	2970		2970
55	78	133	133		4290	4290	
56	96	152	152		5376	5376	
57	29	86	86		1653	1653	
58	22	80	80		1276	1276	
59	24	83		83	1416		1416
60	13	73		73	780		780
61	14	75	75		854	854	
62	11	73		73	682		682
63	11	74	74		693	693	
64	18	82	82		1152	1152	
65	12	77	77		780	780	
66	12	78	78		792	792	
67	30	97		97	2010		2010
68	52	120	120		3536	3536	
69	52	121	121		3588	3588	
70	44	114	114		3080	3080	
71	28	99	99		1988	1988	
72	28	100	100		2016	2016	
73	20	93	93		1460	1460	
74	56	130	130		4144	4144	
75	40	115	115		3000	3000	
76	31	107		107	2356		2356
77	50	127		127	3850		3850
78	40	118	118		3120	3120	
79	46	125	125		3634	3634	
80	42	122	122		3360	3360	
81	29	110	110		2349	2349	
82	19	101		101	1558		1558
83	36	119	119		2988	2988	
84	25	109		109	2100		2100
85	22	107		107	1870		1870
86	17	103		103	1462		1462
87	19	106	106		1653	1653	
88	26	114	114		2288	2288	
89	30	119	119		2670	2670	
90	20	110	110		1800	1800	
91	15	106	106		1365	1365	
92	21	113		113	1932		1932
93	11	104	104		1023	1023	
94	8	102	102		752	752	
95	8	103		103	760		760
96	19	115	115		1824	1824	
97	5	102	102		485	485	
98	8	106	106		784	784	
99	8	107		107	792		792
100	11	111	111		1100	1100	
101	11	112	112		1111	1111	
102	8	110	110		816	816	
103	3	106	106		309	309	
104	9	113		113	936		936
105	5	110	110		525	525	
106	4	110	110		424	424	
107	7	114	114		749	749	
108	3	111	111		324	324	
109	6	115	115		654	654	
110	3	113		113	330		330
111	5	116	116		555	555	
112	4	116	116		448	448	
113	5	118	118		565	565	
114	6	120	120		684	684	
<hr/>							
Sum	6236	12791	10799	1992	209029	176599	32430

Sum of composite C+V sums ÷ Sum of prime C+V sums

$10799 \div 1992 = 5.421184738955823293172690763052...$   
 $= 2.710592369477911646586345381526... \times 2$   
 Euler's number (e) =  $2.718281828459045235360287471352...$   
 difference =  $-0.007689458981133588773942089826...$   
 error  $\approx -0.283\%$   
[http://en.wikipedia.org/wiki/E\\_\(mathematical\\_constant\)](http://en.wikipedia.org/wiki/E_(mathematical_constant))  
  
 Sum of composite C×V products ÷ Sum of prime C×V products  
 $176599 \div 32430 = 5.445544249152019734813444341659...$   
 $= 2.722772124576009867406722170829... \times 2$   
 Euler's number (e) =  $2.718281828459045235360287471352...$   
 difference =  $0.004490296116964632046434699477...$   
 error  $\approx 0.165\%$   
[http://en.wikipedia.org/wiki/E\\_\(mathematical\\_constant\)](http://en.wikipedia.org/wiki/E_(mathematical_constant))

Pattern 8: Chapter 57 has 29 verses  
 where 57 is half the total number of chapters 114  
 and 29 is the middle number between 1 to 57  
 $57 \times 29 = 1653$  where the 16th prime number is 53

Pattern 9a:  
 Chapter 57 stays in position 57 after sorting the table by C×V multiplication in ascending order:

#	Name	C	V	C×V	
1	الفاتحة		1	7	7
2	العصر	103	3	309	
3	الكوثر	108	3	324	
4	النصر	110	3	330	
5	قريش	106	4	424	
6	الإخلاص	112	4	448	
7	القدر	97	5	485	
8	الفيل	105	5	525	
9	المسد	111	5	555	
10	الرعد	13	43	559	
11	الفلق	113	5	565	
12	البقرة	2	286	572	
13	آل عمران		3	200	600
14	المائدة		5	120	600
15	الأنفال	8	75	600	
16	الكافرون		109	6	654
17	الجمعة	62	11	682	
18	الناس	114	6	684	
19	المنافقون		63	11	693
20	النساء	4	176	704	
21	ابراهيم		14	52	728
22	الماعون		107	7	749
23	الشرح	94	8	752	
24	التين	95	8	760	
25	المتحنة		60	13	780
26	الطلاق	65	12	780	
27	البينة	98	8	784	
28	التحريم		66	12	792
29	الزلزلة		99	8	792
30	التكوير		102	8	816
31	الصف	61	14	854	
32	الحجرات		49	18	882
33	الهمزة	104	9	936	
34	السجدة	32	30	960	
35	الأنعام	6	165	990	
36	الضحى	93	11	1023	
37	لقمان	31	34	1054	
38	يونس	10	109	1090	
39	العاديات		100	11	1100
40	القارعة		101	11	1111
41	التغابن		64	18	1152
42	التوبة	9	129	1161	

43	المجادلة	58	22	1276	
44	يوسف 12	111	1332		
45	هود 11	123	1353		
46	الشمس 91	15	1365		
47	الفتح 48	29	1392		
48	الحشر 59	24	1416		
49	الأعراف 7	206	1442		
50	المزمل 73	20	1460		
51	الطارق 86	17	1462		
52	الحجر 15	99	1485		
53	النور 24	64	1536		
54	الإنفطار	82	19	1558	
55	فاطر 35	45	1575		
56	الأحقاف 46	35	1610		
---> 57	الحديد 57	29	1653	Pivot	chapter
---> 58	الأعلى 87	19	1653	Support	chapter
59	الجاثية	45	37	1665	
60	الحج 22	78	1716		
61	محمد 47	38	1786		
62	الروم 30	60	1800		
63	البلد 90	20	1800		
64	العلق 96	19	1824		
65	سبا 34	54	1836		
66	مريم 19	98	1862		
67	البروج 85	22	1870		
68	الإسراء 17	111	1887		
69	الفرقان	25	77	1925	
70	الليل 92	21	1932		
71	الكهف 18	110	1980		
72	نوح 71	28	1988		
73	العنكبوت	29	69	2001	
74	الملك 67	30	2010		
75	الجن 72	28	2016		
76	النحل 16	128	2048		
77	الإنشقاق	84	25	2100	
78	فصلت 41	54	2214		
79	الشورى 42	53	2226		
80	ق 50	45	2250		
81	الغاشية	88	26	2288	
82	التكوير	81	29	2349	
83	الأنبياء	21	112	2352	
84	الانسان 76	31	2356		
85	الأحزاب 33	73	2409		
86	القمص 28	88	2464		
87	النمل 27	93	2511		
88	الطور 52	49	2548		
89	الدخان 44	59	2596		
90	الفجر 89	30	2670		
91	طه 20	135	2700		
92	المؤمنون	23	118	2714	
93	الزمر 39	75	2925		
94	القمر 54	55	2970		
95	يس 36	83	2988		
96	المطففين	83	36	2988	
97	القيامة	75	40	3000	
98	الذاريات	51	60	3060	
99	المعارج	70	44	3080	
100	النبأ 78	40	3120		
101	النجم 53	62	3286		
102	ص 38	88	3344		
103	عبس 80	42	3360		
104	غافر 40	85	3400		
105	القلم 68	52	3536		
106	الحاقة 69	52	3588		
107	النازعات	79	46	3634	
108	الزخرف 43	89	3827		
109	المرسلات	77	50	3850	
110	المدثر 74	56	4144		
111	الرحمن 55	78	4290		
112	الواقعة	56	96	5376	

113	الشعراء	26	227	5902
114	الصفات	37	182	6734
<hr/>				
Sum	6555	6236	209029	
<hr/>				

Pattern 9b:

Chapter 57 stays in position 57 after sorting the table by C×V multiplication in descending order, because chapter 87 has 19 verses which produce the same C×V multiplication product ( $87 \times 19 = 1653$ ) that stops chapter 57 from falling to position 58 as there is an even number of numbers (114).

#	Name	C	V	C×V
<hr/>				
1	الصفات	37	182	6734
2	الشعراء	26	227	5902
3	الواقعة	56	96	5376
4	الرحمن 55	78	4290	
5	المدثر 74	56	4144	
6	المرسلات	77	50	3850
7	الزخرف 43	89	3827	
8	النازعات	79	46	3634
9	الحاقة 69	52	3588	
10	القلم 68	52	3536	
11	غافر 40	85	3400	
12	عبس 80	42	3360	
13	ص 38	88	3344	
14	النجم 53	62	3286	
15	النبا 78	40	3120	
16	المعارج	70	44	3080
17	الذاريات	51	60	3060
18	القيامة	75	40	3000
19	يس 36	83	2988	
20	المطففين	83	36	2988
21	القمر 54	55	2970	
22	الزمر 39	75	2925	
23	المؤمنون	23	118	2714
24	طه 20	135	2700	
25	الفجر 89	30	2670	
26	الدخان 44	59	2596	
27	الطور 52	49	2548	
28	النمل 27	93	2511	
29	القصص 28	88	2464	
30	الأحزاب 33	73	2409	
31	الانسان 76	31	2356	
32	الأنبياء 21	112	2352	
33	التكوير 81	29	2349	
34	الغاشية 88	26	2288	
35	ق 50	45	2250	
36	الشورى 42	53	2226	
37	فصلت 41	54	2214	
38	الانشقاق 84	25	2100	
39	النحل 16	128	2048	
40	الجن 72	28	2016	
41	المملك 67	30	2010	
42	العنكبوت 29	69	2001	
43	نوح 71	28	1988	
44	الكهف 18	110	1980	
45	الليل 92	21	1932	
46	الفرقان 25	77	1925	
47	الإسراء 17	111	1887	
48	البروج 85	22	1870	
49	مريم 19	98	1862	
50	سبا 34	54	1836	
51	العلق 96	19	1824	
52	الروم 30	60	1800	
53	البلد 90	20	1800	
54	محمد 47	38	1786	
55	الحج 22	78	1716	
56	الجاثية 45	37	1665	

---	57	الحديد	57	29	1653	Pivot	chapter
---	58	الأعلى	87	19	1653	Support	chapter
	59	الأحقاف	46	35	1610		
	60	فاطر	35	45	1575		
	61	الإنفطار		82	19	1558	
	62	النور	24	64	1536		
	63	الحجر	15	99	1485		
	64	الطارق	86	17	1462		
	65	المزمل	73	20	1460		
	66	الأعراف	7	206	1442		
	67	الحشر	59	24	1416		
	68	الفتح	48	29	1392		
	69	الشمس	91	15	1365		
	70	هود	11	123	1353		
	71	يوسف	12	111	1332		
	72	المجادلة		58	22	1276	
	73	التوبة	9	129	1161		
	74	التغابن		64	18	1152	
	75	القارعة		101	11	1111	
	76	العاديات		100	11	1100	
	77	يونس	10	109	1090		
	78	لقمان	31	34	1054		
	79	الضحى	93	11	1023		
	80	الأنعام	6	165	990		
	81	السجدة	32	30	960		
	82	الهمزة	104	9	936		
	83	الحجرات		49	18	882	
	84	الصف	61	14	854		
	85	التكاثر		102	8	816	
	86	التحريم		66	12	792	
	87	الزلزلة		99	8	792	
	88	البينة	98	8	784		
	89	الممتحنة		60	13	780	
	90	الطلاق	65	12	780		
	91	التين	95	8	760		
	92	الشرح	94	8	752		
	93	الماعون		107	7	749	
	94	ابراهيم		14	52	728	
	95	النساء	4	176	704		
	96	المنافقون		63	11	693	
	97	الناس	114	6	684		
	98	الجمعة	62	11	682		
	99	الكافرون		109	6	654	
	100	آل عمران		3	200	600	
	101	المائدة		5	120	600	
	102	الأنفال	8	75	600		
	103	البقرة	2	286	572		
	104	الفلق	113	5	565		
	105	الرعد	13	43	559		
	106	المسد	111	5	555		
	107	الفيل	105	5	525		
	108	القدر	97	5	485		
	109	الإخلاص	112	4	448		
	110	قريش	106	4	424		
	111	النصر	110	3	330		
	112	الكوثر	108	3	324		
	113	العصر	103	3	309		
	114	الفاتحة		1	7	7	
-----							
	Sum	6555	6236	209029			
-----							

Note 1:

Chapter 57 (Iron) acts as a pivot chapter in the Quran and never changes its position. Iron has the most stable nucleus in nature where elements above Iron split to become Iron while elements below Iron fuse to become Iron at the cores of stars.

Some stars explode at the end of their life sending Iron outward in all directions.

God says Iron was sent down to Earth at chapter The Iron verse 25 (Quran 57:25).

See <http://wikipedia.com/Iron>

See <http://hyperphysics.phy-astr.gsu.edu/hbase/nucene/nucbin.html>

Note 2: There are 16 additive prime chapter numbers:

2, 3, 5, 7, 11, 23, 29, 41, 43, 47, 61, 67, 83, 89, 101, 113

And there are 53 additive composite chapter numbers.

4, 6, 8, 9, 15, 18, 22, 24, 26, 27, 28, 33, 35, 36, 39, 40, 42, 44, 45,  
46, 48, 51, 54, 55, 57, 60, 62, 63, 64, 66, 68, 69, 72, 75, 77, 78, 80,  
81, 82, 84, 86, 87, 88, 90, 91, 93, 95, 96, 99, 105, 108, 112, 114

16 Additive Prime Chapters

#	C	V
1	2	286
2	3	200
3	5	120
4	7	206
5	11	123
6	23	118
7	29	69
8	41	54
9	43	89
10	47	38
11	61	14
12	67	30
13	83	36
14	89	30
15	101	11
16	113	5
136	725	1429

53 Additive Composite Chapters

#	C	V
1	4	176
2	6	165
3	8	75
4	9	129
5	15	99
6	18	110
7	22	78
8	24	64
9	26	227
10	27	93
11	28	88
12	33	73
13	35	45
14	36	83
15	39	75
16	40	85
17	42	53
18	44	59
19	45	37
20	46	35
21	48	29
22	51	60
23	54	55
24	55	78
25	57	29
26	60	13
27	62	11
28	63	11
29	64	18
30	66	12
31	68	52
32	69	52
33	72	28
34	75	40
35	77	50
36	78	40
37	80	42
38	81	29
39	82	19
40	84	25
41	86	17
42	87	19
43	88	26
44	90	20
45	91	15
46	93	11
47	95	8
48	96	19
49	99	8
50	105	5
51	108	3
52	112	4
53	114	6
1431	3157	2703

Pattern 10: There are 29 chapters with prime |C-V| difference with their  
 sum of number of digits in chapter numbers = 58 = 2×29  
 sum of number of digits in number of verses per chapter = 58 = 2×29  
 sum of number of digits in the prime |C-V| differences = 58 = 2×29

C	V	C-V	P C-V	C C-V	U C-V	Prime Len(C)	Prime Len(V)	Prime Len(C-V)
1	7	6		6				
2	286	284		284				
3	200	197	197			1	3	3
4	176	172		172				
5	120	115		115				
6	165	159		159				
7	206	199	199			1	3	3
8	75	67	67			1	2	2
9	129	120		120				
10	109	99		99				
11	123	112		112				
12	111	99		99				
13	43	30		30				
14	52	38		38				
15	99	84		84				
16	128	112		112				
17	111	94		94				
18	110	92		92				
19	98	79	79			2	2	2
20	135	115		115				
21	112	91		91				
22	78	56		56				
23	118	95		95				
24	64	40		40				
25	77	52		52				
26	227	201		201				
27	93	66		66				
28	88	60		60				
29	69	40		40				
30	60	30		30				
31	34	3	3			2	2	1
32	30	2	2			2	2	1
33	73	40		40				
34	54	20		20				
35	45	10		10				
36	83	47	47			2	2	2
37	182	145		145				
38	88	50		50				
39	75	36		36				
40	85	45		45				
41	54	13	13			2	2	2
42	53	11	11			2	2	2
43	89	46		46				
44	59	15		15				
45	37	8		8				
46	35	11	11			2	2	2
47	38	9		9				
48	29	19	19			2	2	2
49	18	31	31			2	2	2
50	45	5	5			2	2	1
51	60	9		9				
52	49	3	3			2	2	1
53	62	9		9				
54	55	1			1			
55	78	23	23			2	2	2
56	96	40		40				
57	29	28		28				
58	22	36		36				
59	24	35		35				
60	13	47	47			2	2	2
61	14	47	47			2	2	2



62	11	51		51					
63	11	52		52					
64	18	46		46					
65	12	53	53			2	2	2	
66	12	54		54					
67	30	37	37			2	2	2	
68	52	16		16					
69	52	17	17			2	2	2	
70	44	26		26					
71	28	43	43			2	2	2	
72	28	44		44					
73	20	53	53			2	2	2	
74	56	18		18					
75	40	35		35					
76	31	45		45					
77	50	27		27					
78	40	38		38					
79	46	33		33					
80	42	38		38					
81	29	52		52					
82	19	63		63					
83	36	47	47			2	2	2	
84	25	59	59			2	2	2	
85	22	63		63					
86	17	69		69					
87	19	68		68					
88	26	62		62					
89	30	59	59			2	2	2	
90	20	70		70					
91	15	76		76					
92	21	71	71			2	2	2	
93	11	82		82					
94	8	86		86					
95	8	87		87					
96	19	77		77					
97	5	92		92					
98	8	90		90					
99	8	91		91					
100	11	89	89			3	2	2	
101	11	90		90					
102	8	94		94					
103	3	100		100					
104	9	95		95					
105	5	100		100					
106	4	102		102					
107	7	100		100					
108	3	105		105					
109	6	103	103			3	1	3	
110	3	107	107			3	1	3	
111	5	106		106					
112	4	108		108					
113	5	108		108					
114	6	108		108					
Count	114	114	114	29	84	1	29	29	29
Sum	6555	6236	7453	1542	5910	1	58	58	58

-----  
 Square Chapters and Square Verse Sum  
 -----

Pattern 11a:

#	C	V	DigitSum
1	1	7	7
2	4	176	14
3	9	129	12
4	16	128	11
5	25	77	14
6	36	83	11
7	49	18	9
8	64	18	9
9	81	29	11
10	100	11	2
-----			
Sum	385	676	100
-----			

Sum of verses in square chapter numbers is square =  $676 = 26^2$

Sum of verse digit sums in square chapter numbers is square =  $100 = 10^2$

Difference between the square sums is square =  $676 - 100 = 576 = 24^2$

Sum of the square roots is square =  $26 + 10 = 36 = 6^2$

Difference between the square roots is square =  $26 - 10 = 16 = 4^2$

Pattern 11b:

Chapters with verses of prime digits only:

#	C	V
1	1	7
2	8	75
3	14	52
4	25	77
5	26	227
6	33	73
7	39	75
8	42	53
9	45	37
10	46	35
11	54	55
12	58	22
13	68	52
14	69	52
15	84	25
16	85	22
17	97	5
18	103	3
19	105	5
20	107	7
21	108	3
22	110	3
23	111	5
24	113	5
-----		
Sum	1551	975
-----		

C-V  $1551 - 975 = 576 = 24^2 = \text{Square of number of chapters}$

Pattern 11c:

Chapters with verses of composite digits only:

#	C	V
1	15	99
2	19	98
3	24	64
4	28	88
5	29	69
6	38	88
7	43	89
8	52	49
9	56	96
10	70	44
11	79	46
12	94	8
13	95	8
14	98	8
15	99	8
16	102	8
17	104	9
18	106	4
19	109	6
20	112	4
21	114	6
Sum	1486	899

C-V    1486 - 899 = 587 = P107

where 107 is the maximum value in Alphabet\_Primes1 system.

Cubic Verses and Cubic Chapter Sum

Pattern 12:

#	C	V
1	24	64
2	94	8
3	95	8
4	98	8
5	99	8
6	102	8
Sum	512	104

Sum of chapter numbers with cubic verses is cubic = 512 =  $8^3$

-----  
 Square/Cubic C+V Sums  
 -----

Pattern 14a: Sum of chapters with square C+V is square with square digit sum:

C	V	C+V	Type
16	128	144	Square
22	78	100	Square
46	35	81	Square
69	52	121	Square
72	28	100	Square
-----			
225 = 15^2 and 2+2+5 = 9 = 3^2			
-----			

Pattern 14b: Sum of chapters with cubic C+V is cubic with cubic digit sum:

C	V	C+V	Type
1	7	8	Cubic
5	120	125	Cubic
40	85	125	Cubic
79	46	125	Cubic
-----			
125 = 5^3 and 1+2+5 = 8 = 2^3			
-----			

Pattern 14c: Sum of C-V of chapters with square C-V is square:

C	V	C-V	Sqrt	dsC	dsV	dsC-dsV
47	38	9	3	11	11	0
58	22	36	6	13	4	9
68	52	16	4	14	7	7
103	3	100	10	4	3	1
105	5	100	10	6	5	1
107	7	100	10	8	7	1
-----						
488	127	361	19	56	37	19
-----						

Note 1:        361            contains two squares: 36 and 1  
               Sqrt(361) = 19 contains two squares: 1 and 9

-----  
 Homogeneous Chapter-Verse Primality  
 -----

Pattern 15a: Prime chapters with prime verses:

C	V	CV	VC	
13	43	1343	4313	
43	89	4389	8943	
97	5	975	597	
101	11	10111	11101	
103	3	1033	3103	
107	7	1077	7107	
113	5	1135	5113	
577	163	20063	40277	All primes

Note 1: 577 = P106 = AP57  
               106 +    57 = 163

Pattern 15b: Composite chapters with composite verses:

C	V	CV	VC
4	176	4176	1764
6	165	6165	1656
8	75	875	758
9	129	9129	1299
12	111	12111	11112
14	52	1452	5214
15	99	1599	9915
16	128	16128	12816
18	110	18110	11018
20	135	20135	13520
21	112	21112	11221
22	78	2278	7822
24	64	2464	6424
25	77	2577	7725
27	93	2793	9327
28	88	2888	8828
30	60	3060	6030
32	30	3230	3032
34	54	3454	5434
35	45	3545	4535
38	88	3888	8838
39	75	3975	7539
40	85	4085	8540
46	35	4635	3546
49	18	4918	1849
50	45	5045	4550
51	60	5160	6051
52	49	5249	4952
54	55	5455	5554
55	78	5578	7855
56	96	5696	9656
58	22	5822	2258
64	18	6418	1864
65	12	6512	1265
66	12	6612	1266
68	52	6852	5268
69	52	6952	5269
70	44	7044	4470
72	28	7228	2872
74	56	7456	5674
75	40	7540	4075
77	50	7750	5077
78	40	7840	4078
80	42	8042	4280
84	25	8425	2584
85	22	8522	2285
88	26	8826	2688
90	20	9020	2090
91	15	9115	1591
92	21	9221	2192
94	8	948	894
95	8	958	895
98	8	988	898
99	8	998	899
102	8	1028	8102
104	9	1049	9104
106	4	1064	4106
112	4	1124	4112
114	6	1146	6114
3300	3225	345465	304650

All are additive composites

Pattern 15c: Prime chapters with composite verses:

C	V	CV	VC	
2	286	2286	2862	
3	200	3200	2003	
5	120	5120	1205	
7	206	7206	2067	
11	123	11123	12311	
17	111	17111	11117	
19	98	1998	9819	
23	118	23118	11823	
29	69	2969	6929	
31	34	3134	3431	
37	182	37182	18237	
41	54	4154	5441	
47	38	4738	3847	
53	62	5362	6253	
59	24	5924	2459	
61	14	6114	1461	
67	30	6730	3067	
71	28	7128	2871	
73	20	7320	2073	
79	46	7946	4679	
83	36	8336	3683	
89	30	8930	3089	
109	6	1096	6109	
1016	1935	188225	126836	All are additive composites

Pattern 15d: Composite chapters with prime verses:

C	V	CV	VC	
10	109	10109	10910	
26	227	26227	22726	
33	73	3373	7333	
36	83	3683	8336	
42	53	4253	5342	
44	59	4459	5944	
45	37	4537	3745	
48	29	4829	2948	
57	29	5729	2957	
60	13	6013	1360	
62	11	6211	1162	
63	11	6311	1163	
76	31	7631	3176	
81	29	8129	2981	
82	19	8219	1982	
86	17	8617	1786	
87	19	8719	1987	
93	11	9311	1193	
96	19	9619	1996	
100	11	10011	11100	
105	5	1055	5105	
108	3	1083	3108	
110	3	1103	3110	
111	5	1115	5111	
1661	906	160346	116561	All are additive composites

Note 1:

Sum of all divisors of 1661 =  $1+11+151+1661 = 1824 = 2 \times 2 \times 2 \times 2 \times 3 \times 19 = 16 \times 114$   
Sum of all divisors of 906 =  $1+2+3+6+151+302+453+906 = 1824 = 2 \times 2 \times 2 \times 2 \times 3 \times 19 = 16 \times 114$

-----  
 Square Verse Sequences  
 -----

Verse sequence is Quran-level verse numbers from 1 to 6236.

Pattern 16a:

There are 78 verses with square sequences:

#	Seq	C	V	C=V
1	1	1	1	1
2	4	1	4	
3	9	2	2	2
4	16	2	9	
5	25	2	18	
6	36	2	29	
7	49	2	42	
8	64	2	57	
9	81	2	74	
10	100	2	93	
11	121	2	114	
12	144	2	137	
13	169	2	162	
14	196	2	189	
15	225	2	218	
16	256	2	249	
17	289	2	282	
18	324	3	31	
19	361	3	68	
20	400	3	107	
21	441	3	148	
22	484	3	191	
23	529	4	36	
24	576	4	83	
25	625	4	132	
26	676	5	7	
27	729	5	60	
28	784	5	115	
29	841	6	52	
30	900	6	111	
31	961	7	7	7
32	1024	7	70	
33	1089	7	135	
34	1156	7	202	
35	1225	8	65	
36	1296	9	61	
37	1369	10	5	
38	1444	10	80	
39	1521	11	48	
40	1600	12	4	
41	1681	12	85	
42	1764	14	14	14
43	1849	15	47	
44	1936	16	35	
45	2025	16	124	
46	2116	17	87	
47	2209	18	69	
48	2304	19	54	
49	2401	20	53	
50	2500	21	17	
51	2601	22	6	
52	2704	23	31	
53	2809	24	18	
54	2916	25	61	
55	3025	26	93	
56	3136	26	204	
57	3249	27	90	
58	3364	29	24	
59	3481	31	12	
60	3600	33	67	

61	3721	36	16	
62	3844	37	56	
63	3969	37	181	
64	4096	39	38	
65	4225	41	7	
66	4356	43	31	
67	4489	45	16	
68	4624	49	12	
69	4761	52	26	
70	4900	54	54	54
71	5041	56	62	
72	5184	62	7	
73	5329	69	6	
74	5476	73	1	
75	5625	77	3	
76	5776	80	18	
77	5929	85	20	
78	6084	93	5	

Sum 3081 161239 1636 5248 78

Sum of (chapter number = verse number) = 78

Note 1: 78 = C56 = AC36

P56 = 263

56 + 263 = 319

[pattern 263a]

[pattern 37a note 8]

Note 2: The digit sum of sequence sum, chapter sum and verse sum = the pivot chapter.

1+6+1+2+3+9 + 1+6+3+6 + 5+2+4+8 = 57

[pattern 9a]

Pattern 16b:

4 square sequences have square chapter numbers and square verse numbers:

#	Seq	C	V	
1	1	1	1	SqC SqV
2	4	1	4	SqC SqV
23	529	4	36	SqC SqV
61	3721	36	16	SqC SqV

Sum 87 4255 42 57

Note 1: 42 = chapters in mini-book with a pivot chapter 21 with 11 verses  
with support chapter 33 with 7 verses.

Note 2: 114 = chapters in the Quran with a pivot chapter 57 with 29 verses  
with support chapter 87 with 19 verses.

57 = pivot chapter [pattern 9a]

87 = support chapter [pattern 9b]



-----  
 Homogeneous/Heterogeneous Chapter-Verse Evenness  
 -----

## Pattern 17a:

## Homogeneous Chapter-Verse Evenness

OO: There are 27 odd chapters with odd verses.

EE: There are 30 even chapters with even verses.

## Heterogeneous Chapter-Verse Evenness

OE: There are 30 odd chapters with even verses.

EO: There are 27 even chapters with odd verses.

## Pattern 17b:

## Homogeneous First Half

OO: There are 13 odd chapters with odd verses in first half.

EE: There are 15 even chapters with even verses in first half.

Sum 28 &lt;--

## Heterogeneous First Half

EO: There are 15 even chapters with odd verses in first half.

OE: There are 14 odd chapters with even verses in first half.

Sum --&gt; 29

## Homogeneous Second Half

OO: There are 12 odd chapters with odd verses in second half.

EE: There are 17 even chapters with even verses in second half.

Sum --&gt; 29

## Heterogeneous Second Half

EO: There are 12 even chapters with odd verses in second half.

OE: There are 16 odd chapters with even verses in second half.

Sum 28 &lt;--

where there are in 114 chapters:

28 even chapters in first half = Homogeneous First Half = OO + EE

29 odd chapters in first half = Heterogeneous First Half = EO + OE

29 even chapters in second half = Homogeneous Second Half = OO + EE

28 odd chapters in second half = Heterogeneous Second Half = EO + OE

## Pattern 17c:

Count of odd-verse chapters ÷ Count of even-verse chapters = 54 ÷ 60 = 0.9

Sum of odd-verse chapter numbers ÷ Sum of even-verse chapter numbers = 3105 ÷ 3450 = 0.9

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

25	25	
26	26	
27	27	
28		28
29	29	
30		30
31		31
32		32
33	33	
34		34
35	35	
36	36	
37		37
38		38
39	39	
40	40	
41		41
42	42	
43	43	
44	44	
45	45	
46	46	
47		47
48	48	
49		49
50	50	
51		51
52	52	
53		53
54	54	
55		55
56		56
57	57	
58		58
59		59
60	60	
61		61
62	62	
63	63	
64		64
65		65
66		66
67		67
68		68
69		69
70		70
71		71
72		72
73		73
74		74
75		75
76	76	
77		77
78		78
79		79
80		80
81	81	
82	82	
83		83
84	84	
85		85
86	86	
87	87	
88		88
89		89
90		90
91	91	
92	92	
93	93	
94		94

95		95
96	96	
97	97	
98		98
99		99
100	100	
101	101	
102		102
103	103	
104	104	
105	105	
106		106
107	107	
108	108	
109		109
110	110	
111	111	
112		112
113	113	
114		114
-----		
Sum	3105	3450
-----		
Count	54	60
-----		

Pattern 17d:

Sum of odd-verse chapter numbers = Sum of complement chapter numbers = 3105

Sum of even-verse chapter numbers = Sum of complement chapter numbers = 3450

Count of odd-verse chapters ÷ Count of even-verse chapters = 54 ÷ 60 = 0.9

Sum of odd-verse chapter numbers ÷ Sum of even-verse chapter numbers = 3105 ÷ 3450 = 0.9

Odd-verse chapters

-----			
#	C	V	cC
-----			
1	1	7	114
2	6	165	109
3	8	75	107
4	9	129	106
5	10	109	105
6	11	123	104
7	12	111	103
8	13	43	102
9	15	99	100
10	17	111	98
11	20	135	95
12	25	77	90
13	26	227	89
14	27	93	88
15	29	69	86
16	33	73	82
17	35	45	80
18	36	83	79
19	39	75	76
20	40	85	75
21	42	53	73
22	43	89	72
23	44	59	71
24	45	37	70
25	46	35	69
26	48	29	67
27	50	45	65
28	52	49	63
29	54	55	61
30	57	29	58
31	60	13	55
32	62	11	53
33	63	11	52
34	76	31	39

35	81	29	34
36	82	19	33
37	84	25	31
38	86	17	29
39	87	19	28
40	91	15	24
41	92	21	23
42	93	11	22
43	96	19	19
44	97	5	18
45	100	11	15
46	101	11	14
47	103	3	12
48	104	9	11
49	105	5	10
50	107	7	8
51	108	3	7
52	110	3	5
53	111	5	4
54	113	5	2
-----			
Sum	3105	2722	3105
-----			

Even-verse chapters

#	C	V	cC
-----			
1	2	286	113
2	3	200	112
3	4	176	111
4	5	120	110
5	7	206	108
6	14	52	101
7	16	128	99
8	18	110	97
9	19	98	96
10	21	112	94
11	22	78	93
12	23	118	92
13	24	64	91
14	28	88	87
15	30	60	85
16	31	34	84
17	32	30	83
18	34	54	81
19	37	182	78
20	38	88	77
21	41	54	74
22	47	38	68
23	49	18	66
24	51	60	64
25	53	62	62
26	55	78	60
27	56	96	59
28	58	22	57
29	59	24	56
30	61	14	54
31	64	18	51
32	65	12	50
33	66	12	49
34	67	30	48
35	68	52	47
36	69	52	46
37	70	44	45
38	71	28	44
39	72	28	43
40	73	20	42
41	74	56	41
42	75	40	40

43	77	50	38
44	78	40	37
45	79	46	36
46	80	42	35
47	83	36	32
48	85	22	30
49	88	26	27
50	89	30	26
51	90	20	25
52	94	8	21
53	95	8	20
54	98	8	17
55	99	8	16
56	102	8	13
57	106	4	9
58	109	6	6
59	112	4	3
60	114	6	1
-----			
Sum	3450	3514	3450
-----			

Pattern 17e:

Even-verse even chapters + Even-verse odd chapters in first half = 1310 + 1380 = 2690

Even-verse even chapters + Even-verse odd chapters in second half = 1434 + 1256 = 2690

//Odd-verse odd chapters + Odd-verse even chapters in first half = 1099 + 1315 = 2414

//Odd-verse odd chapters + Odd-verse even chapters in second half = 1152 + 1060 = 2212

Pattern 17f: Sum of C×V for odd verses is a multiple of 227:

C	V	C×V
-----		
1	7	7
6	165	990
8	75	600
9	129	1161
10	109	1090
11	123	1353
12	111	1332
13	43	559
15	99	1485
17	111	1887
20	135	2700
25	77	1925
26	227	5902
27	93	2511
29	69	2001
33	73	2409
35	45	1575
36	83	2988
39	75	2925
40	85	3400
42	53	2226
43	89	3827
44	59	2596
45	37	1665
46	35	1610
48	29	1392
50	45	2250
52	49	2548
54	55	2970
57	29	1653
60	13	780
62	11	682
63	11	693
76	31	2356
81	29	2349
82	19	1558

84	25	2100
86	17	1462
87	19	1653
91	15	1365
92	21	1932
93	11	1023
96	19	1824
97	5	485
100	11	1100
101	11	1111
103	3	309
104	9	936
105	5	525
107	7	749
108	3	324
110	3	330
111	5	555
113	5	565
-----		
Count	54	54
-----		
Sum	3105	2722
-----		
88303 = 227×389		
-----		

Pattern 17g: Sum of C×V for even verses is a multiple of 114:

C	V	C×V
-----		
2	286	572
3	200	600
4	176	704
5	120	600
7	206	1442
14	52	728
16	128	2048
18	110	1980
19	98	1862
21	112	2352
22	78	1716
23	118	2714
24	64	1536
28	88	2464
30	60	1800
31	34	1054
32	30	960
34	54	1836
37	182	6734
38	88	3344
41	54	2214
47	38	1786
49	18	882
51	60	3060
53	62	3286
55	78	4290
56	96	5376
58	22	1276
59	24	1416
61	14	854
64	18	1152
65	12	780
66	12	792
67	30	2010
68	52	3536
69	52	3588
70	44	3080
71	28	1988
72	28	2016
73	20	1460
74	56	4144
75	40	3000

77	50	3850
78	40	3120
79	46	3634
80	42	3360
83	36	2988
85	22	1870
88	26	2288
89	30	2670
90	20	1800
94	8	752
95	8	760
98	8	784
99	8	792
102	8	816
106	4	424
109	6	654
112	4	448
114	6	684

```

-----
Count 60      60      60
-----
Sum 3450    3514    120726 = 114×1059
-----

```

-----  
Quran 74:30 "Guarded by nineteen."  
-----

Pattern 19a:

```

    19 = P8
    C19 = XC8 = 30
    AC19      = C30

```

where God uses 30 whole numbers and uses 8 fractions in the Quran:

```

{ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 19, 20, 30, 40, 50, 60, 70, 80, 99,
  100, 200, 300, 1000, 2000, 3000, 5000, 50000, 100000 }
Sum = 1+2+3+4+5+6+7+8+9+10+11+12+19+20+30+40+50+60+70+80+99+100+200+300+
      1000+2000+3000+5000+50000+100000 = 162146 = 2×17×19×251

```

```

{ 1/10, 1/8, 1/6, 1/5, 1/4, 1/3, 1/2, 2/3 }
Sum = 1/10 + 1/8 + 1/6 + 1/5 + 1/4 + 1/3 + 1/2 + 2/3 = 2.341666...

```

Pattern 19b:

```

XP19 - P19 = chapters of the Quran
181 - 67 = 114

```

Pattern 19c:

Chapter P19 (67) has C19 (30) verses.

Pattern 19d:

```

"Oh Allah, please bring nearer to You Muhammed and the household of Muhammed."
اللهم صل على محمد وآل محمد has an Abjad_Gematria value = 557
557 = 4×139+1 = 19^2 + 14^2
    where 139 is the number of letters in The Key,
    and      19 is Quran 74:30 "Guarded by nineteen."
    and      14 is the number of persons in Muhammed and his household.

```

The word "الله" has an Alphabet\_AdditivePrimes1 value = 577

```

"Oh Allah, please bring nearer to You Muhammed and the household of Muhammed."
اللهم صل على محمد وآل محمد has a Frequency_Linear value = 152
152 = 8×19 where 8th prime = 19
152 = 8×19 where 8th prime = 19

```

```

152 = 74th additive composite
19th composite = 30
Quran 74:30 "Guarded by nineteen."

```

Pattern 19e: There are 7 chapters with prime numbers and prime verses:

#	C	V
1	13	43
2	43	89
3	97	5
4	101	11
5	103	3
6	107	7
7	113	5
Sum	577	163
Primes		

PIndex P106 P38 <-- 2×19 and AP38 = P66 = 317 [prime repunit index]  
while 66 = AC30 and C30 = AC19.

APIndex AP57 <----- 3×19 and chapter 57 is the pivot chapter [pattern 9a].

DigSum ds19 ds10

Note 1: 577 = P106 = AP57

106 + 57 = 163 = sum of verses

Note 2: Quran 1:1 (bismAllah) has 19 letters using 10 Arabic letters.

Note 3: There are 29 chapters that start with initial letters.

19 Initialized chapters start with fully initialized verses.

10 Initialized chapters start with partly initialized verses.

Note 4: The 19th centered hexagonal number = 1027 = Alphabet\_Primes1 value of verse 1:2  
أَلْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ (Al-hamdu liAllahi Rabbi Al-3alameen).

[http://en.wikipedia.org/wiki/Centered\\_hexagonal\\_number](http://en.wikipedia.org/wiki/Centered_hexagonal_number)

n n^3-(n-1)^3

1	1
2	7
3	19
4	37
5	61
6	91
7	127
8	169
9	217
10	271
11	331
12	397
13	469
14	547
15	631
16	721
17	817
18	919
19	1027
20	1141
21	1261
22	1387
23	1519
24	1657
25	1801
26	1951
27	2107
28	2269
29	2437
30	2611

----> 19 1027 Alphabet\_Primes1 value of أَلْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ

----> 334 333667 Sum of verse numbers in the Quran

The least significant digit follows the pattern 1-7-9-7-1  
where 17971 = P2060 = XP1090 and 1090 = C908

[pattern 227]



Pattern 19f:

-----  
Composites with 2 prime factors (2C)  
-----

1	4	2	2
2	6	2	3
3	9	3	3
4	10	2	5
5	14	2	7
6	15	3	5
7	21	3	7
8	22	2	11
9	25	5	5
10	26	2	13
11	33	3	11
12	34	2	17
13	35	5	7
14	38	2	19
15	39	3	13
16	46	2	23
17	49	7	7
18	51	3	17
19	55	5	11

-----

-----  
Composites with 3 prime factors (3C)  
-----

1	8	2	2	2
2	12	2	2	3
3	18	2	3	3
4	20	2	2	5
5	27	3	3	3
6	28	2	2	7
7	30	2	3	5
8	42	2	3	7
9	44	2	2	11
10	45	3	3	5
11	50	2	5	5
12	52	2	2	13
13	63	3	3	7
14	66	2	3	11
15	68	2	2	17
16	70	2	5	7
17	75	3	5	5
18	76	2	2	19
19	78	2	3	13

-----

2C19 = 55 and  
3C19 = 78 where  
chapter 55 has 78 verses.

Note 1: 313 is sacred!

$$313 = 4n+1 \text{ prime, } n = 78$$

$$313 = 4 \times 78 + 1 = 12^2 + 13^2$$

where

{12,21} and {13,31} are reversible squares:

$$12^2 = 144 \quad 21^2 = 441$$

$$13^2 = 169 \quad 31^2 = 961$$

## Pattern 19g:

-----  
Composites with 4 prime factors (4C)  
-----

1	16	2	2	2	2
2	24	2	2	2	3
3	36	2	2	3	3
4	40	2	2	2	5
5	54	2	3	3	3
6	56	2	2	2	7
7	60	2	2	3	5
8	81	3	3	3	3
9	84	2	2	3	7
10	88	2	2	2	11
11	90	2	3	3	5
12	100	2	2	5	5
13	104	2	2	2	13
14	126	2	3	3	7
15	132	2	2	3	11
16	135	3	3	3	5
17	136	2	2	2	17
18	140	2	2	5	7
19	150	2	3	5	5

-----  
4C9 = 84 and 2C9 = 25 where chapter 84 has 25 verses.

4C10 = 88 and 2C10 = 26 where chapter 88 has 26 verses.

where

$$9 + 10 = 19$$

-----  
Verse Number Repetitions  
-----

## Pattern 20:

-----		34	62	70	33	106	18
Verse	Freq	35	61	71	33	107	18
-----		36	60	72	33	108	18
1	114	37	59	73	33	109	18
2	114	38	58	74	32	110	17
3	114	39	57	75	32	111	16
4	111	40	57	76	30	112	14
5	109	41	55	77	30	113	13
6	105	42	55	78	29	114	13
7	103	43	54	79	27	115	13
8	101	44	53	80	27	116	13
9	96	45	52	81	27	117	13
10	95	46	50	82	27	118	13
11	95	47	49	83	27	119	12
12	90	48	49	84	26	120	12
13	88	49	49	85	26	121	11
14	87	50	48	86	25	122	11
15	86	51	47	87	25	123	11
16	85	52	47	88	25	124	10
17	85	53	44	89	23	125	10
18	84	54	43	90	22	126	10
19	82	55	41	91	22	127	10
20	79	56	40	92	22	128	10
21	77	57	39	93	22	129	9
22	76	58	39	94	21	130	8
23	74	59	39	95	21	131	8
24	74	60	38	96	21	132	8
25	73	61	36	97	20	133	8
26	72	62	36	98	20	134	8
27	71	63	35	99	19	135	8
28	71	64	35	100	18	136	7
29	69	65	34	101	18	137	7
30	66	66	34	102	18	138	7
31	63	67	34	103	18	139	7
32	62	68	34	104	18	140	7
33	62	69	34	105	18	141	7

142	7	179	5	216	2	253	1
143	7	180	5	217	2	254	1
144	7	181	5	218	2	255	1
145	7	182	5	219	2	256	1
146	7	183	4	220	2	257	1
147	7	184	4	221	2	258	1
148	7	185	4	222	2	259	1
149	7	186	4	223	2	260	1
150	7	187	4	224	2	261	1
151	7	188	4	225	2	262	1
152	7	189	4	226	2	263	1
153	7	190	4	227	2	264	1
154	7	191	4	228	1	265	1
155	7	192	4	229	1	266	1
156	7	193	4	230	1	267	1
157	7	194	4	231	1	268	1
158	7	195	4	232	1	269	1
159	7	196	4	233	1	270	1
160	7	197	4	234	1	271	1
161	7	198	4	235	1	272	1
162	7	199	4	236	1	273	1
163	7	200	4	237	1	274	1
164	7	201	3	238	1	275	1
165	7	202	3	239	1	276	1
166	6	203	3	240	1	277	1
167	6	204	3	241	1	278	1
168	6	205	3	242	1	279	1
169	6	206	3	243	1	280	1
170	6	207	2	244	1	281	1
171	6	208	2	245	1	282	1
172	6	209	2	246	1	283	1
173	6	210	2	247	1	284	1
174	6	211	2	248	1	285	1
175	6	212	2	249	1	286	1
176	6	213	2	250	1	-----	
177	5	214	2	251	1	Sum 41041	6236
178	5	215	2	252	1	-----	

Pattern 20a:

The number of times a verse number appears in the Quran points to some verses-per-chapter numbers directly:

29 appears 69 times where chapter 29 has 69 verses  
or reversely:  
19 appears 82 times where chapter 82 has 19 verses  
28 appears 71 times where chapter 71 has 28 verses  
73 appears 33 times where chapter 33 has 73 verses [pattern 19b]  
123 appears 11 times where chapter 11 has 123 verses  
129 appears 9 times where chapter 9 has 129 verses

Pattern 20b: Bi-directional symmetries:

53 appears 44 times and 44 appeared 53 times  
54 appears 43 times and 43 appeared 54 times  
55 appears 41 times and 41 appeared 55 times  
57 appears 39 times and 39 appeared 57 times

Note 1:  $53+54+55+57 = 219$

$44+43+41+39 = 167$

$219 = DF167 = 167\text{th deficient number.}$

$167 = P39 = 39\text{th prime number.}$

Pattern 20c: +1 Offset:

165 appears 7 times where chapter 8 has 165 verses  
111 appears 16 times where chapter 17 has 111 verses  
110 appears 17 times where chapter 18 has 110 verses  
98 appears 20 times where chapter 19 has 98 verses  
28 appears 71 times where chapter 72 has 28 verses  
4 appears 111 times where chapter 112 has 4 verses

Pattern 20d: -1 Offset:

200 appears 4 times where chapter 3 has 200 verses  
8 appears 102 times where chapter 101 has 8 verses

Pattern 20e:

1,2,3 appear 114 times where chapter 114 has 6 verses  
and  $1+2+3 = 1 \times 2 \times 3 = 6 =$  perfect number where the 114th prime = 619  
and P619 = 4567 with 4 5 6 7 digits in ascending order [pattern 619a]

Pattern 20f:

49 appear 49 times

Pattern 20g:

Name	C	V	VFreq
الفاتحة	1	7	103
البقرة 2	286	1	
آل عمران	3	200	4
النساء 4	176	6	
المائدة	5	120	12
الأنعام 6	165	7	
الأعراف 7	206	3	
الأنفال 8	75	32	
التوبة 9	129	9	
يونس 10	109	18	
هود 11	123	11	
يوسف 12	111	16	
الرعد 13	43	54	
ابراهيم	14	52	47
الحجر 15	99	19	
النحل 16	128	10	
الإسراء 17	111	16	
الكهف 18	110	17	
مريم 19	98	20	
طه 20	135	8	
الأنبياء	21	112	14
الحج 22	78	29	
المؤمنون	23	118	13
النور 24	64	35	
الفرقان	25	77	30
الشعراء	26	227	2
النمل 27	93	22	
القصاص 28	88	25	
العنكبوت	29	69	34
الروم 30	60	38	
لقمان 31	34	62	
السجدة 32	30	66	
الأحزاب 33	73	33	
سبا 34	54	43	
فاطر 35	45	52	
يس 36	83	27	
الصفات	37	182	5
ص 38	88	25	
الزمر 39	75	32	
غافر 40	85	26	
فصلت 41	54	43	
الشورى 42	53	44	
الزخرف 43	89	23	
الدخان 44	59	39	
الجاثية	45	37	59
الأحقاف 46	35	61	
محمد 47	38	58	
الفتح 48	29	69	
الحجرات	49	18	84
ق 50	45	52	
الذاريات	51	60	38
الطور 52	49	49	
النجم 53	62	36	
القمر 54	55	41	

الرحمن 55	78	29	
الواقعة 56	56	96	21
الحديد 57	29	69	
المجادلة 58	58	22	76
الحشر 59	24	74	
المتحنة 60	60	13	88
الصف 61	14	87	
الجمعة 62	11	95	
المنافقون 63	63	11	95
التغابن 64	64	18	84
الطلاق 65	12	90	
التحريم 66	66	12	90
الملك 67	30	66	
القلم 68	52	47	
الحاقة 69	52	47	
المعارج 70	70	44	53
نوح 71	28	71	
الجن 72	28	71	
المزمل 73	20	79	
المدثر 74	56	40	
القيامة 75	75	40	57
الانسان 76	31	63	
المرسلات 77	77	50	48
النبا 78	40	57	
النازعات 79	79	46	50
عبس 80	42	55	
التكوير 81	81	29	69
الانفطار 82	82	19	82
المطففين 83	83	36	60
الانشقاق 84	84	25	73
البروج 85	22	76	
الطارق 86	17	85	
الأعلى 87	19	82	
الغاشية 88	88	26	72
الفجر 89	30	66	
البلد 90	20	79	
الشمس 91	15	86	
الليل 92	21	77	
الضحى 93	11	95	
الشرح 94	8	101	
التين 95	8	101	
العلق 96	19	82	
القدر 97	5	109	
البينة 98	8	101	
الزلزلة 99	99	8	101
العاديات 100	100	11	95
القارعة 101	101	11	95
التكاثر 102	102	8	101
العصر 103	3	114	
الهمزة 104	9	96	
الفيل 105	5	109	
قريش 106	4	111	
الماعون 107	107	7	103
الكوثر 108	3	114	
الكافرون 109	109	6	105
النصر 110	3	114	
المسد 111	5	109	
الإخلاص 112	4	111	
الفلق 113	5	109	
الناس 114	6	105	

Sum 6555 6236 6612

$$6612 - 6555 = 57$$

$$6612 = 2 \times 29 \times 114 = C5757$$

where pivot chapter 57 has 29 verses [pattern 9a]

Note 1: Chapters 9, 11 and 33 have 9, 11 and 33 last verse frequencies.

-----  
 Chapters with Equal Verses  
 -----

Pattern 21:

Name	C	V	1st	2nd	3rd	4th	5th
العصر	103	3	1				
الكوثر	108	3		2			
النصر	110	3			3		
قريش	106	4	1				
الإخلاص	112	4		2			
القدر	97	5	1				
الفيل	105	5		2			
المسد	111	5			3		
الفلق	113	5				4	
الكافرون	109	6	6	1			
الناس	114	6		2			
الفاتحة	1	7	7	1			
الماعون	107	7	7		2		
الشرح	94	8	1				
التين	95	8		2			
البينة	98	8			3		
الزلزلة	99	8	8			4	
التكاثر	102	8	8				5
الهمزة	104	9	1				
الجمعة	62	11	1				
المنافقون	63	11	11		2		
الضحى	93	11			3		
العاديات	100	11	11			4	
القارعة	101	11	11				5
الطلاق	65	12	1				
التحريم	66	12	12		2		
الممتحنة	60	13	1				
الصف	61	14	1				
الشمس	91	15	1				
الطارق	86	17	1				
الحجرات	49	18	18	1			
التغابن	64	18	18		2		
الإنفطار	82	19	19	1			
الأعلى	87	19		2			
العلق	96	19			3		
المزمل	73	20	1				
البلد	90	20		2			
الليل	92	21	1				
المجادلة	58	22	22	1			
البروج	85	22		2			
الحشر	59	24	1				
الأنشقاق	84	25	25	1			
الغاشية	88	26	26	1			
نوح	71	28	1				
الجن	72	28		2			
الفتح	48	29	1				
الحديد	57	29		2			
التكوير	81	29	29			3	
السجدة	32	30	1				
الملك	67	30		2			
الفجر	89	30			3		
الانسان	76	31	1				
لقمان	31	34	1				
الأحقاف	46	35	1				
المطففين	83	36	36	1			
الجاثية	45	37	37	1			
محمد	47	38	1				
القيامة	75	40	40	1			
النبأ	78	40		2			
عبس	80	42	1				
الرعد	13	43	1				
المعارج	70	44	44	1			
فاطر	35	45	1				

ق	50	45	2				
النازعات		79	46	1			
الطور	52	49	1				
المرسلات		77	50	1			
ابراهيم		14	52	1			
القلم	68	52		2			
الحاقة	69	52			3		
الشورى	42	53	1				
سبا	34	54	1				
فصلت	41	54		2			
القمر	54	55	1				
المدثر	74	56	1				
الدخان	44	59	1				
الروم	30	60	1				
الذاريات		51	60		2		
النجم	53	62	1				
النور	24	64	1				
العنكبوت		29	69	1			
الأحزاب	33	73	1				
الأنفال	8	75	1				
الزمر	39	75		2			
الفرقان		25	77	1			
الحج	22	78	1				
الرحمن	55	78		2			
يس	36	83	1				
غافر	40	85	1				
القصص	28	88	1				
ص	38	88		2			
الزحرف	43	89	1				
النمل	27	93	1				
الواقعة		56	96	1			
مريم	19	98	1				
الحجر	15	99	1				
يونس	10	109	1				
الكهف	18	110	1				
يوسف	12	111	1				
الإسراء	17	111		2			
الأنبياء		21	112	1			
المؤمنون		23	118	1			
المائدة		5	120	1			
هود	11	123	1				
النحل	16	128	1				
التوبة	9	129	1				
طه	20	135	1				
الأنعام	6	165	1				
النساء	4	176	1				
الصفات		37	182	1			
آل عمران		3	200	1			
الأعراف	7	206	1				
الشعراء		26	227	1			
البقرة	2	286	1				
-----							
Count	114	114	77	24	8	3	2
-----							
Unique	114	114	77-24	24-8	8-3	3-2	2
Count			53	16	5	1	2
-----							

Pattern 21a:

There are 53 chapter singlets  
 There are 16 chapter doublets  
 There are 5 chapter triplets  
 There are 1 chapter quadruplet  
 There are 2 chapter quintuplets

Note 1: 53 and 16 points to the 1653

[pattern 8].

Pattern 21b:

There are 7 consecutive chapter doublets:

#	C	V
1	62	11
	63	11
2	65	12
	66	12
3	68	52
	69	52
4	71	28
	72	28
5	94	8
	95	8
6	98	8
	99	8
7	100	11
	101	11
Sum	28	1123
		260

Note 1: Quran 15:87

"We have give you seven of the doublets and the Grand Quran."

Note 2: Sum of reverse doublet chapters and reverse verses is a multiple of 114:

#	C	V	rC	rV
1	62	11	26	11
	63	11	36	11
2	65	12	56	21
	66	12	66	21
3	68	52	86	25
	69	52	96	25
4	71	28	17	82
	72	28	27	82
5	94	8	49	8
	95	8	59	8
6	98	8	89	8
	99	8	99	8
7	100	11	001	11
	101	11	101	11
Sum	28	1123	808	332

where  $808 + 332 = 1140 = 10 \times 114$

Pattern 21c:

Chapter C21 (30) has P21 (73) verses.

-----  
Special Chapters  
-----

Pattern 22a: Chapter 5 has 120 ( $5! = 1 \times 2 \times 3 \times 4 \times 5$ ) verses

Pattern 22b: Chapter 16 ( $2 \times 2 \times 2 \times 2$ ) has 128 ( $2 \times 2 \times 2 \times 2 \times 2 \times 2$ ) verses

Pattern 22c: Chapter 36 ( $2 \times 2 \times 3 \times 3$ ) has 729 ( $3 \times 3 \times 3 \times 3 \times 3$ ) words

Pattern 22d: There are 18 chapters have 3-digit verses:

#	C	V
1	2	286
2	3	200
3	4	176
4	5	120



5	6	165
6	7	206
7	9	129
8	10	109
9	11	123
10	12	111
11	16	128
12	17	111
13	18	110 <-- 13th chapter
14	20	135
15	21	112
16	23	118
17	26	227
18	37	182
-----		
Sum	247	2748
-----		

Note 1: Chapter sum = 247 =  $13 \times 19$  and the 13th chapter is number 18

Note 2: Verse sum = 2748 =  $3 \times 2 \times 2 \times 229$  [pattern 229]

Pattern 22e: Chapter 36 has 83 verses and Chapter 83 has 36 verses.

Pattern 22f: Chapter 13 has 43 verses and Chapter 31 has 34 verses.

#### ----- Fully connected Directed Graph with 23 Levels -----

Pattern 23a: The directed graph shown at <http://heliwave.com/QuranGrid0.png>  
for  $v$  = verses per chapter --> chapters[ $v \bmod 114$ ]  
is fully connected which is a non-trivial occurrence  
and has 23 levels where the Quran was revealed over 23 lunar years  
and 23 "1"s [111111111111111111111111] is a prime repunit (repeated units)  
where  $(N \bmod 114)$  means the remainder (0-113) after dividing  $N$  by 114.

Example:

Chapter 87 with  $v = 19$  verses points to chapter[  $19 \bmod 114$  ] = chapter 20  
Chapter 20 with  $v = 135$  verses points to chapter[ $135 \bmod 114$ ] = chapter[21] = chapter 22  
Chapter 22 with  $v = 78$  verses points to chapter[  $78 \bmod 114$  ] = chapter 79  
Chapter 79 with  $v = 46$  verses points to chapter[  $46 \bmod 114$  ] = chapter 47  
...

Pattern 23b: The natural directed graph shown at <http://heliwave.com/QuranGrid.png>  
for  $v$  = verses per chapter --> chapters[( $v \bmod 114$ ) + 1]  
is disconnected into 3 sub-networks yet still has 23 levels too.

Example:

Chapter 1 has 7 verses which points to chapter 7  
Chapter 7 has 206 verses which points to chapter  $(206 \bmod 114) = 92$   
Chapter 92 has 21 verses which points to chapter 21  
Chapter 21 has 112 verses which points to chapter 112  
...

Software:

<http://heliwave.com/QuranGrid.zip>  
<http://heliwave.com/23.pdf> <-- 23rd Ramadhan = Night of Power.

Pattern 23c: Sum of digits of all numbers from 1 to 23 = 114  
 $1+2+3+4+5+6+7+8+9+1+0+1+1+1+2+1+3+1+4+1+5+1+6+1+7+1+8+1+9+2+0+2+1+2+2+2+3 =$   
114

where

The 114th's complement of 23 is 91

and

$23114 \div 91 = 254$

$41132 \div 91 = 452$  [pattern 91 note 2]

-----  
Most Repeated Verse  
-----

## Pattern 31a:

The most repeated verse in the Quran [فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ] is repeated 31 times in chapter 55 (The Merciful) at positions:

13,  
16, 18,  
21, 23, 25,  
28, 30, 32, 34, 36, 38, 40, 42,  
45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77

with 21 odd and 10 even verse positions.  
with 9 prime and 22 composite verse positions.

## Pattern 31b:

The most repeated verse has a verse sum = 1433

13 + 16 + 18 + 21 + 23 + 25 + 28 + 30 + 32 + 34 + 36 + 38 + 40 + 42 + 45 +  
47 + 49 + 51 + 53 + 55 + 57 + 59 + 61 + 63 + 65 + 67 + 69 + 71 + 73 + 75 + 77  
= 1433  
= P227 <-- [pattern 227]  
= AP123 <-- 1 2 3

Note 1: Alphabet\_Primes1 value of "مستقيم = Mustaqeem" = 400 = P321 <-- 3 2 1

## Pattern 31c:

The Alphabet\_Primes1 value of the most repeated verse is 683 = P124  
where the verse has 4 words and is repeated 31 times where  $4 \times 31 = 124$   
See <http://heliwave.com/1433.html>

-----  
Chapters with Prime Verses  
-----

## Pattern 32:

There are 32 chapters with prime verses,  
there are 30 chapters with prime numbers,  
chapter 32 has 30 verses.

-----  
Reverse Prime Numbers  
-----

## Pattern 37a: Reverse prime numbers with reverse prime indices.

37 = P12  
73 = P21

Note 1a:  $12 \times 12 = 144$   
 $21 \times 21 = 441$

Note 1b: 12 in base-19 = 21 in base-10  
BismAllah has 19 letters  
BismAllah has 10 unique letters

Note 2a: C12 = 21

Note 2b: C21 = 33 where Chapter C21 (33) has P21 (73) verses.

Note 3a:  $12 + 21 = 33 = C21 = AC12$   
XC12 = C33

Note 3b: P21 = AC33 + 1  
XC12 = AC21 + 1

Note 3c: XC33 = 120  
114 = C83 - P23 - P9 - C4 - C1  
where  $83 + 23 + 9 + 4 + 1 = 120$   
and  $83 - 23 - 9 + 4 + 1 = 56$  where SumDiv(56) = 120  
AP21 = P37 = DF120

- Note 4:  $144 = 33\text{rd Abundant number}$
- Note 5a:  $37 = 2 \times 19 - 1$   
 Note 5b:  $73 = 2 \times 37 - 1$
- Note 6a:  $19 = 2 \times 9 + 1$   
 $37 = 4 \times 9 + 1$   
 $73 = 8 \times 9 + 1$   
 where 19, 37 and 73 are the only double-digit XP primes with digit sums = 10.
- Note 6b:  $37 = 4 \times 9 + 1$  [pattern 449b]  
 $73 = 4 \times 18 + 1$  [pattern 449b]
- Note 7:  $441 - 144 = 297$  [pattern 297]
- Note 8:  $2^3 + 5^7 + 11^{13} + 17^{19} + 23^{29} + 31^{37} =$   
 $15148954872646850196557152427604893685308877022260348791$   
 is a 56-digit additive prime with a digit sum = 263 [pattern 263a]  
 where  $263 = P_{56}$   
 and  $263 + 56 = 319$
- Note 9:  $2^{37} + 3^{31} + 5^{29} + 7^{23} + 11^{19} + 13^{17} + 17^{13} + 19^{11} + 23^7 + 29^5 + 31^3 + 37^2 =$   
 $283453407513524913023$   
 is a 21-digit additive prime with a digit sum =  $74 = 2 \times 37$
- Note 10:  $1+2+3+4+5+6+7+9 = 37$   
 $12345679 \times 3 = 37037037$   
 which excludes 8 where  $P_8 = 19$
- Note 11: The sum of the first 37 primes is the 19th Fibonacci number:  
 $2+3+5+7+11+13+17+19+23+29+31+37+41+43+47+53+59+61+67+71+73+79+83+89+97+$   
 $101+103+107+109+113+127+131+137+139+149+151+157 = 2584$   
 Fibonacci series: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, ...  
[http://en.wikipedia.org/wiki/Fibonacci\\_number](http://en.wikipedia.org/wiki/Fibonacci_number)
- Note 12: The sum of the first five composites is 37:  
 $4+6+8+9+10 = 37$
- Note 13: 37 and 73 are the only emirp (or reversible prime) where  
 $37!+1$  is prime and  $73!+1$  is prime too.
- Note 13a:  $37!+1 = 13763753091226345046315979581580902400000001$   
 with 44 digits and with a digit sum = 154  
 where  $154 - 44 = 110 = 37+73$
- Note 13b:  $73!+1 = 447011546151268434089125713812505111007680070028290501581908009$   
 $2370422104067183317016903680000000000000001$   
 where 106 digits and digit sum = 316  
 $316 - 106 = 210 = 2 \times 3 \times 5 \times 7$
- Note 14:  $(37 \times 7) - (73 \times 3) = (7-3) \times (7+3) = 40$
- Note 15:  
 The 37th Mersenne prime exponent is emirp (reversible prime: 3021377 and 7731203).
- Note 16a:  $157 = P_{37} = AP_{21}$   
 $313 = P_{65} = AP_{37}$   
 $439 = P_{85} = XP_{37}$   
 $54 = C_{37} = AC_{23}$   
 $80 = C_{57} = AC_{37}$   
 $133 = C_{100} = XC_{37}$
- Note 16b:  $367 = P_{73} = AP_{31}$   
 $797 = P_{139} = AP_{73}$   
 $907 = P_{155} = XP_{73}$   
 $99 = C_{73} = AC_{49}$   
 $150 = C_{114} = AC_{73}$   
 $287 = C_{225} = XC_{73}$
- Note 17: Every natural number is the sum of at most 4 squares, 9 cubes,  
 19 fourth powers and 37 fifth powers. (Waring's problem)

Note 18:  $(6+6+6) \times 37 = 666$

Note 19: 37 is a centered hexagonal number { 1, 7, 19, 37, 61, 91, 127, 169, 217, 271, 331, 397, 469, 547, 631, 721, 817, 919, ... }

The sum of the first  $n$  centered hexagonal numbers is  $n^3$ .

In base-10, the hexagonal numbers' rightmost digits follow the pattern 1-7-9-7-1.

Pattern 37b: There are 58, 63, 59, 55 odd numbers in the forward running sums of chapters, verses, words and letters respectively.

There are 57, 63, 59, 55 odd numbers in the backward running sums of chapters, verses, words and letters respectively.

<http://heliwave.com/QuranFactors.xls>

Pattern 37c:

Chapters with 29 verses have forward or backward running verse sums divisible by 29:

Chapter 48 has a backward running verse sum =  $29 \times 57 = 1653$  [pattern 8]

Chapter 57 has a forward running verse sum =  $29 \times 352$

Chapter 81 has a forward running verse sum =  $29 \times 200$

Pattern 37d: Chapter 18 has a forward running verse sum =  $18 \times 5^3$

Chapter 18 has a backward running verse sum =  $2^{12}$

Pattern 37e: Chapter 22 has a forward running verse sum =  $11 \times 3^5$  where 11 is half 22

Chapter 26 has a forward running verse sum =  $13 \times 3^5$  where 13 is half 26

Pattern 37f: Chapter 29 has a backward running verse sum =  $16 \times 181$

Chapter 27 has a backward running verse sum =  $17 \times 181$

Chapters 27 and 28 have a verse sum = 181

Note 1: There are 14 2-chapter groups with verse sum = 181

C1	V1	C2	V2
4	176	113	5
4	176	111	5
4	176	105	5
4	176	97	5
20	135	79	46
9	129	69	52
9	129	68	52
40	85	56	96
16	128	42	53
27	93	38	88
19	98	36	83
21	112	29	69
27	93	28	88
9	129	14	52

Note 2:  $181 = P42$  where 42 is the number of chapters of a mini book with a pivot chapter 21. [pattern 9a, 16b note 1]

Pattern 37g: Chapter 29 has a forward running verse sum =  $7 \times 487$

Chapter 30 has a forward running verse sum =  $3469 = P487$

Pattern 37h: Chapters with 19 verses point to 37.

There are 3 chapters with 19 verses: 82, 87 and 96.

Let:

$d$  = Remaining chapters =  $114 - 3 = 111 = 3 \times 37$

$dC$  = Remaining chapter sum =  $6555 - (96+87+82) = 6290 = 170 \times 37$

$dV$  = Remaining verse sum =  $6236 - (19+19+19) = 6179 = 167 \times 37$

$dC - dV = (170 \times 37) - (167 \times 37) = 111 = 3 \times 37$

-----  
 Paired Chapters  
 -----

Pattern 57a: There are exactly 57 pairs of chapters with equal number of verses:

#	C1	V1	C2	V2
1	103	3	108	3
2	103	3	110	3
3	108	3	110	3
4	106	4	112	4
5	97	5	105	5
6	97	5	111	5
7	97	5	113	5
8	105	5	111	5
9	105	5	113	5
10	111	5	113	5
11	109	6	114	6
12	1	7	107	7
13	94	8	95	8
14	94	8	98	8
15	94	8	99	8
16	94	8	102	8
17	95	8	98	8
18	95	8	99	8
19	95	8	102	8
20	98	8	99	8
21	98	8	102	8
22	99	8	102	8
23	62	11	63	11
24	62	11	93	11
25	62	11	100	11
26	62	11	101	11
27	63	11	93	11
28	63	11	100	11
29	63	11	101	11
30	93	11	100	11
31	93	11	101	11
32	100	11	101	11
33	65	12	66	12
34	49	18	64	18
35	82	19	87	19
36	82	19	96	19
37	87	19	96	19
38	73	20	90	20
39	58	22	85	22
40	71	28	72	28
41	48	29	57	29
42	48	29	81	29
43	57	29	81	29
44	32	30	67	30
45	32	30	89	30
46	67	30	89	30
47	75	40	78	40
48	35	45	50	45
49	14	52	68	52
50	14	52	69	52
51	68	52	69	52
52	34	54	41	54
53	30	60	51	60
54	8	75	39	75
55	22	78	55	78
56	28	88	38	88
57	12	111	17	111
Sum	1653	4012	1287	1287

Pattern 57b: There are exactly 57 chapters with number of verses repeated prime times:

#	C	V
1	103	3
2	108	3
3	110	3
4	106	4
5	112	4
6	109	6
7	114	6
8	1	7
9	107	7
10	94	8
11	95	8
12	98	8
13	99	8
14	102	8
15	62	11
16	63	11
17	93	11
18	100	11
19	101	11
20	65	12
21	66	12
22	49	18
23	64	18
24	82	19
25	87	19
26	96	19
27	73	20
28	90	20
29	58	22
30	85	22
31	71	28
32	72	28
33	48	29
34	57	29
35	81	29
36	32	30
37	67	30
38	89	30
39	75	40
40	78	40
41	35	45
42	50	45
43	14	52
44	68	52
45	69	52
46	34	54
47	41	54
48	30	60
49	51	60
50	8	75
51	39	75
52	22	78
53	55	78
54	28	88
55	38	88
56	12	111
57	17	111
Sum	1653	3873

Note 1:  $1830 \approx \text{proton mass} \div \text{electron mass} = 1836.15267$   
 with golden ratio-based constants, it may be exactly 1830 if:  
 elementary charge = golden ratio  $\times 10^{-19}$  Coulomb  
 See <http://heliwave.com/UnionDipole.pdf>

Note 2: Chapter 57 is named The Iron or الحديد with:  
the word الحديد has an Abjad\_Gematria value = 57 = the atomic weight of Iron-57 isotope.  
the word حديد has an Abjad\_Gematria value = 26 = the atomic number of Iron

-----  
Reverse Numbers  
-----

Pattern 91: For any integer A there is at least one integer (B + 91n) such that:  
 $B = \text{MOD}(9 * \text{FLOOR}(B1 / \text{POWER}(10, \text{LEN}(B1) - 1)), 1) + 10 * \text{MOD}(B1, \text{POWER}(10, \text{LEN}(B1) - 1)), 91)$   
[Excel Formula works for 1- and 2-digit numbers only!]  
n = 0, 1, 2, ...  
where  
 $ABC \div 91 = XYZ$  and  $CBA \div 91 = ZYX$

Note 1: Examples from the Quran:  
114 chapters  
6236 verses,  
114 - 91 = 23 lunar years of Quran revelation

$23114 \div 91 = 254$  and  $41132 \div 91 = 452$   
 $236236 \div 91 = 2596$  and  $632632 \div 91 = 6952$   
 $1146236 \div 91 = 12596$  and  $6326411 \div 91 = 69521$

Note 2: Alphabet\_Primes1 value of "أم الكتاب" or "Mother of the Book" = 263  
Alphabet\_Primes1 value of "أم" or "Mother" = 91

-----  
Verses Numbered Multiple of 110  
-----

Pattern 110: Chapter 18 has 110 verses.

Up to chapter 18, the sum of chapter numbers with verse numbers multiple of 110 is 110.

#	C	V
1	2	286
2	3	200
3	4	176
4	5	120
5	6	165
6	7	206
7	9	129
8	11	123
9	12	111
10	16	128
11	17	111
12	18	110
-----		
Sum	110	1865

Note 1: Sum of Chapter × Verse (number multiple of 110) is a multiple of 114.

#	C	V	C×V
1	2	110	220
2	2	220	440
3	3	110	330
4	4	110	440
5	5	110	550
6	6	110	660
7	7	110	770
8	9	110	990
9	11	110	1210
10	12	110	1320
11	16	110	1760
12	17	110	1870
13	18	110	1980

```

-----
Sum      112      1540      12540
-----

```

12540 = 114×110 where 114 is the number of chapters in the Quran.

Note 2: There are 19 verses numbered multiple of 110 in the Quran:

```

-----
#         C         V
-----
1         2         110
2         2         220
3         3         110
4         4         110
5         5         110
6         6         110
7         7         110
8         9         110
9        11         110
10        12         110
11        16         110
12        17         110
13        18         110
14        20         110
15        21         110
16        23         110
17        26         110
18        26         220
19        37         110
-----
Sum       265       2310
-----

```

$12540 + 19^2 = 6555 + 6236 + 110$

where

6555 is the sum of chapter numbers and

6236 is the sum of chapter verses (number of verses in the Quran)

Note 3: The word "Ali" or (علي) has an Abjad\_Gematria value of 110.

The first occurrence of the text (علي) in the Quran is at position 110 within the word (عليهم) in chapter 1.

```

-----
Cyclic Number and Long Primes (Reptent Primes)
-----

```

Pattern 113:

cyclic number =  $[b^{(p-1)} - 1] \div p$

b = number system base (binary, octal, decimal, hexadecimal, etc.)

p = long prime (or full reptend primes)

[http://en.wikipedia.org/wiki/Cyclic\\_number](http://en.wikipedia.org/wiki/Cyclic_number)

Long Primes:

7, 17, 19, 23, 29, 47, 59, 61, 97, 109, 113, 131, 149, 167, 179, 181, 193, 223, 229, 233, 257, 263, 269, 313, 337, 367, 379, 383, 389, 419, 433, 461, 487, 491, 499, 503, 509, 541, 571, 577, 593, 619, 647, 659, 701, 709, 727, 743, 811, 821, 823, 857, 863, 887, 937, 941, 953, 971, 977, 983, ...

[http://en.wikipedia.org/wiki/Full\\_reptend\\_prime](http://en.wikipedia.org/wiki/Full_reptend_prime)

229 is the 19th long prime (229 = LP19) while 229 = AP30, 30 = C19

269 is the 23rd long prime (269 = LP23)

619 is the 42nd long prime (619 = LP42)

A cyclic number is an integer in which cyclic permutations of the digits are successive multiples of the number. The most widely known is the six-digit number 142857:

142857×1 = 142857

142857×2 = 285714

142857×3 = 428571

142857×4 = 571428

142857×5 = 714285

142857×6 = 857142



There are 11 chapters with long prime numbers:

#	Name	C	V
1	الأعراف	7	206
2	الإسراء	17	111
3	مريم	19	98
4	المؤمنون	23	118
5	العنكبوت	29	69
6	محمد	47	38
7	الحشر	59	24
8	الصف	61	14
9	القدر	97	5
10	الكافرون	109	6
11	الفلق	113	5
Sum		581	694

where  $694 - 581 = 113$

There are 11 chapters with long prime verses:

#	Name	C	V
1	الفاتحة	1	7
2	الماعون	107	7
3	الطارق	86	17
4	الأنفطار	82	19
5	الأعلى	87	19
6	العلق	96	19
7	الفتح	48	29
8	الحديد	57	29
9	التكوير	81	29
10	الدخان	44	59
11	يونس	10	109
Sum		699	343

where  $699 - 343 = 356 = C284$        $284 = AC150$      $150 = C114$     [pattern 114b]

Pattern 114

Pattern 114a:

114th prime = 619  
 $114 = 6 \times 19$   
 Chapter 114 has 6 verses  
 Digit sum of 114 =  $1+1+4 = 6$   
 Quran 74:30 "Guarded by nineteen."

Note 1: "There is no god but Allah. Muhammed is the Messenger of Allah."

بسم الله الرحمن الرحيم لا اله الا الله محمد رسول الله Frequency\_Linear value = 114  
 بسم الله الرحمن الرحيم لا اله الا الله محمد رسول الله Abjad\_Gematria value = 619

Note 2: There are 13 verses in the Quran whose number = 114.

The occurrence of letters of "كتاب الله" in them = 619.

There are 4 verses in the Quran with the word "كتاب".

The occurrence of letters of "كتاب الله" in them = 114.

Note 3: "There is no god but Allah. Muhammed is the Messenger of Allah.

Ali is the Patron of Allah."

بسم الله الرحمن الرحيم لا اله الا الله محمد رسول الله علي ولي الله has a Frequency\_4n+1 value =  $2 \times 619 = C1034$   
 where 1034 is the Alphabet\_Primes1 value of بسم الله الرحمن الرحيم  
 بسم الله الرحمن الرحيم لا اله الا الله محمد رسول الله علي ولي الله has an Abjad\_Gematria value =  $29 \times 29 = 4 \times 210 + 1$   
 where 210 is the Alphabet\_Primes1 value of the word محمد

Note 4: Total number of letters in the last word of each chapter (114 words) = 619

Note 5: 114 is the 83rd composite number  
114 is the 53rd additive-composite number

319 is the 83rd non-additive composite number  
619 is the 53rd non-additive prime number

Chapter 83 has 36 verses  
Chapter 53 has 62 verses  
The Quran has 6236 verses

Note 6: The name of chapter 58 المجادلة has an Abjad\_Gematria value = 114  
The word احصيه is the 114th word in the chapter without bismAllah.  
The word احصيه has an Abjad\_Gematria value = 114

Quran 58:6 in Simplified29

يوم يبعثهم الله جميعا فينبئهم بما عملوا احصيه الله ونسوه والله على كل شيء شهيد

The first word يوم (day) is followed by 365 words in the chapter.

يوم يبعثهم الله جميعا فينبئهم بما عملوا احصيه has an Abjad\_Gematria value = 1374  
الله ونسوه والله على كل شيء شهيد has an Abjad\_Gematria value = 1055  
The difference 1374 - 1055 = 319  
The last word شهيد (witness) has an Abjad\_Gematria value = 319

Chapter 58 is the 57th chapter with 114 words or more.

The word احصيه is the 57th word in the Quran with an Abjad\_Gematria value = 114

#	Text	Chap	Verse	Word	
-----					
1	ونحن	2	30	18	
2	ونحن	2	133	25	
3	ونحن	2	136	29	
4	ونحن	2	138	8	
5	ونحن	2	139	12	
6	ونحن	2	247	17	
7	جامع	3	9	3	
8	ونحن	3	84	27	
9	يمدكم	3	124	7	
10	ونحن	3	181	10	
11	اصابك	4	79	2	
12	اصابك	4	79	8	
13	ويامنوا	4	91	6	
14	نجويهم	4	114	6	
15	جامع	4	140	28	
16	وليحكم	5	47	1	
17	باسنا	6	43	4	
18	باسنا	6	148	22	
19	باسنا	7	4	6	
20	باسنا	7	5	6	
21	وبينهما	7	46	1	
22	نجينا	7	89	12	
23	باسنا	7	97	6	
24	باسنا	7	98	6	
25	ونحن	9	52	8	
26	واطمأنوا	10	7	9	
27	نجينا	11	58	4	
28	نجينا	11	66	4	
29	نجينا	11	94	4	
30	ونحن	12	8	9	
31	ونحن	12	14	5	
32	باسنا	12	110	16	
33	عمد	13	2	6	
34	ونحن	15	23	5	
35	لبامام	15	79	4	
36	الجميل	15	85	14	
37	جمعا	18	99	11	
38	باسنا	21	12	3	

39	نجينا	23	28	12	
40	انساب	23	101	6	
41	كلجون	23	104	6	
42	والطيون	24	24	26	7
43	جامع	24	62	12	
44	الكنوز	28	76	11	
45	جمعا	28	78	23	
46	ونحن	29	46	23	
47	عمد	31	10	4	
48	اصابك	31	17	12	
49	باسنا	40	84	3	
50	باسنا	40	85	7	
51	وحق	41	25	11	
52	اولياوكم	41	31	31	2
53	فيوحي	42	51	16	
54	نجينا	44	30	2	
55	ونحن	50	16	9	
56	ونحن	56	85	1	
---> 57	احصيه	58	6	8	
58	وزنوهم	83	3	4	
59	جمعا	100	5	3	
60	عمد	104	9	2	
-----					
Sum		1251	3988	556	
-----					

Note 7: The 6x6 magic square from 1 to 37 skipping 19 has a magic sum = 114

13	7	1	37	31	25
12	5	24	15	32	26
21	29	34	2	10	18
6	20	11	30	14	33
35	17	28	8	23	3
27	36	16	22	4	9

Note 8a:

The first 7 verses of the Quran use 109 letters of are verse 1's letters.  
The last 7 verses of the Quran use 109 letters of are chapter 1's letters.

The first 109 letters has a sum of letter position sums = 5995  
The sum of the Abjad\_Gematria values = 5995

where the 5995th composite = 6881 = 4×1720+1 [pattern 506a note 2]  
1720 = sum of the 10 non-additive primes up to 506 with digit sum = 10

Abjad\_Gematria

-----  
Letter Value  
-----

ا	1
ب	2
ج	3
د	4
ه	5
و	6
ز	7
ح	8
ط	9
ي	10
ك	20
ل	30
م	40
ن	50
س	60
ع	70
ف	80

ص	90
ق	100
ر	200
ش	300
ت	400
ث	500
خ	600
ذ	700
ض	800
ظ	900
غ	1000
-----	
Sum	5995
-----	

Note 8b:

First 109 letters = First 23 words = 6229 in Simplified29\_Alphabet\_Primes1

6229 = number of verses in the Message of the Quran:

Quran = Key + Message

114 = 1 + 113 chapters

6236 = 7 + 6229 verses

6229 = P811

811 = number of prime verses in the Quran.

Note 8c:

First 23 words of chapter 1 (الفاتحة) = P661 in Simplified29\_Appearance\_4n-1

First 23 words of chapter 1 (الفاتحة) = C661 in Simplified29\_Appearance\_Linear

First 23 words of chapter 1 (الفاتحة) = C661 in Simplified29\_Initials\_Frequency

Appearance_4n-1		Appearance_Linear		Initials_Frequency	
Letter Value		Letter Value		Letter Value	
ب	3	ب	1	ء	0
س	7	س	2	ا	13
م	11	م	3	ب	0
ا	19	ا	4	ت	0
ل	23	ل	5	ث	0
ه	31	ه	6	ج	0
ر	43	ر	7	ح	7
ح	47	ح	8	خ	0
ن	59	ن	9	د	0
ي	67	ي	10	ذ	0
د	71	د	11	ر	6
ع	79	ع	12	ز	0
ك	83	ك	13	س	5
و	103	و	14	ش	0
ت	107	ت	15	ص	3
ص	127	ص	16	ض	0
ط	131	ط	17	ظ	4
ق	139	ق	18	ظ	0
ذ	151	ذ	19	ع	2
غ	163	غ	20	غ	0
ض	167	ض	21	ف	0
ف	179	ف	22	ق	2
ز	191	ز	23	ك	1
خ	199	خ	24	ل	13
ء	211	ء	25	م	17
ش	223	ش	26	ن	1
ظ	227	ظ	27	ه	2
ج	239	ج	28	و	0
ث	251	ث	29	ي	2

## Pattern 114b:

[http://en.wikipedia.org/wiki/Amicable\\_numbers](http://en.wikipedia.org/wiki/Amicable_numbers)

First pair of amicable numbers is (220, 284) as:

Sum of proper divisors of 220 =  $1+2+4+5+10+11+20+22+44+55+110 = 284$

Sum of proper divisors of 284 =  $1+2+4+71+142 = 220$

AC114 = 220

C114 = 150

AC150 = 284

## Pattern 114c:

There are 114 primes up to 6236 with prime+index as prime.

The 19th such prime is 521 with index 98 where chapter 19 has 98 verses.

$521 + 98 = 619 = P114$

Index	Prime	Sum	iPSum	#	iCSum	#
1	2	3	2	1		
2	3	5	3	2		
3	5	8			3	1
4	7	11	5	3		
5	11	16			9	2
6	13	19	8	4		
7	17	24			14	3
8	19	27			17	4
9	23	32			20	5
10	29	39			26	6
11	31	42			28	7
12	37	49			33	8
13	41	54			37	9
14	43	57			40	10
15	47	62			43	11
16	53	69			49	12
17	59	76			54	13
18	61	79	22	5		
19	67	86			62	14
20	71	91			66	15
21	73	94			69	16
22	79	101	26	6		
23	83	106			78	17
24	89	113	30	7		
25	97	122			91	18
26	101	127	31	8		
27	103	130			98	19
28	107	135			102	20
29	109	138			104	21
30	113	143			108	22
31	127	158			120	23
32	131	163	38	9		
33	137	170			130	24
34	139	173	40	10		
35	149	184			141	25
36	151	187			144	26
37	157	194			149	27
38	163	201			154	28
39	167	206			159	29
40	173	213			165	30
41	179	220			172	31
42	181	223	48	11		
43	191	234			182	32
44	193	237			185	33
45	197	242			188	34
46	199	245			191	35
47	211	258			202	36
48	223	271	58	12		
49	227	276			217	37
50	229	279			219	38
51	233	284			222	39
52	239	291			229	40

53	241	294			231	41
54	251	305			242	42
55	257	312			247	43
56	263	319			252	44
57	269	326			259	45
58	271	329			262	46
59	277	336			268	47
60	281	341			272	48
61	283	344			275	49
62	293	355			283	50
63	307	370			296	51
64	311	375			300	52
65	313	378			303	53
66	317	383	76	13		
67	331	398			319	54
68	337	405			325	55
69	347	416			335	56
70	349	419	81	14		
71	353	424			341	57
72	359	431	83	15		
73	367	440			354	58
74	373	447			360	59
75	379	454			366	60
76	383	459			370	61
77	389	466			375	62
78	397	475			383	63
79	401	480			387	64
80	409	489			395	65
81	419	500			404	66
82	421	503	96	16		
83	431	514			416	67
84	433	517			419	68
85	439	524			424	69
86	443	529			429	70
87	449	536			436	71
88	457	545			444	72
89	461	550			448	73
90	463	553			451	74
91	467	558			455	75
92	479	571	105	17		
93	487	580			473	76
94	491	585			478	77
95	499	594			485	78
96	503	599	109	18		
97	509	606			495	79
---> 98	521	619	114	19		
99	523	622			507	80
100	541	641	116	20		
101	547	648			529	81
102	557	659	120	21		
103	563	666			544	82
104	569	673	122	22		
105	571	676			553	83
106	577	683	124	23		
107	587	694			568	84
108	593	701	126	24		
109	599	708			581	85
110	601	711			583	86
111	607	718			590	87
112	613	725			596	88
113	617	730			600	89
114	619	733	130	25		
115	631	746			613	90
116	641	757	134	26		
117	643	760			625	91
118	647	765			629	92
119	653	772			635	93
120	659	779			641	94
121	661	782			644	95
122	673	795			656	96

123	677	800			660	97
124	683	807			667	98
125	691	816			674	99
126	701	827	144	27		
127	709	836			690	100
128	719	847			700	101
129	727	856			708	102
130	733	863	150	28		
131	739	870			719	103
132	743	875			724	104
133	751	884			730	105
134	757	891			736	106
135	761	896			741	107
136	769	905			750	108
137	773	910			754	109
138	787	925			767	110
139	797	936			777	111
140	809	949			787	112
141	811	952			790	113
142	821	963			800	114
143	823	966			803	115
144	827	971	164	29		
145	829	974			809	116
146	839	985			818	117
147	853	1000			831	118
148	857	1005			836	119
149	859	1008			839	120
150	863	1013	170	30		
151	877	1028			855	121
152	881	1033	174	31		
153	883	1036			861	122
154	887	1041			865	123
155	907	1062			883	124
156	911	1067			887	125
157	919	1076			895	126
158	929	1087	181	32		
159	937	1096			912	127
160	941	1101			916	128
161	947	1108			922	129
162	953	1115			928	130
163	967	1130			940	131
164	971	1135			945	132
165	977	1142			952	133
166	983	1149			959	134
167	991	1158			966	135
168	997	1165			972	136
169	1009	1178			984	137
170	1013	1183			988	138
171	1019	1190			994	139
172	1021	1193	196	33		
173	1031	1204			1006	140
174	1033	1207			1009	141
175	1039	1214			1015	142
176	1049	1225			1024	143
177	1051	1228			1027	144
178	1061	1239			1035	145
179	1063	1242			1038	146
180	1069	1249	204	34		
181	1087	1268			1062	147
182	1091	1273			1067	148
183	1093	1276			1070	149
184	1097	1281			1073	150
185	1103	1288			1079	151
186	1109	1295			1084	152
187	1117	1304			1090	153
188	1123	1311			1096	154
189	1129	1318			1103	155
190	1151	1341			1123	156
191	1153	1344			1126	157
192	1163	1355			1137	158

193	1171	1364			1145	159
194	1181	1375			1154	160
195	1187	1382			1160	161
196	1193	1389			1167	162
197	1201	1398			1176	163
198	1213	1411			1187	164
199	1217	1416			1192	165
200	1223	1423	224	35		
201	1229	1430			1203	166
202	1231	1433	227	36		
203	1237	1440			1211	167
204	1249	1453	231	37		
205	1259	1464			1231	168
206	1277	1483	235	38		
207	1279	1486			1250	169
208	1283	1491			1253	170
209	1289	1498			1259	171
210	1291	1501			1261	172
211	1297	1508			1268	173
212	1301	1513			1272	174
213	1303	1516			1275	175
214	1307	1521			1280	176
215	1319	1534			1291	177
216	1321	1537			1294	178
217	1327	1544			1300	179
218	1361	1579	249	39		
219	1367	1586			1335	180
220	1373	1593			1342	181
221	1381	1602			1349	182
222	1399	1621	257	40		
223	1409	1632			1373	183
224	1423	1647			1387	184
225	1427	1652			1392	185
226	1429	1655			1395	186
227	1433	1660			1399	187
228	1439	1667	262	41		
229	1447	1676			1412	188
230	1451	1681			1417	189
231	1453	1684			1420	190
232	1459	1691			1427	191
233	1471	1704			1437	192
234	1481	1715			1447	193
235	1483	1718			1450	194
236	1487	1723	269	42		
237	1489	1726			1456	195
238	1493	1731			1461	196
239	1499	1738			1467	197
240	1511	1751			1478	198
241	1523	1764			1489	199
242	1531	1773			1498	200
243	1543	1786			1509	201
244	1549	1793			1514	202
245	1553	1798			1519	203
246	1559	1805			1525	204
247	1567	1814			1533	205
248	1571	1819			1538	206
249	1579	1828			1546	207
250	1583	1833			1550	208
251	1597	1848			1564	209
252	1601	1853			1569	210
253	1607	1860			1576	211
254	1609	1863			1578	212
255	1613	1868			1582	213
256	1619	1875			1587	214
257	1621	1878			1589	215
258	1627	1885			1595	216
259	1637	1896			1605	217
260	1657	1917			1623	218
261	1663	1924			1630	219
262	1667	1929			1635	220



263	1669	1932			1637	221
264	1693	1957			1659	222
265	1697	1962			1664	223
266	1699	1965			1667	224
267	1709	1976			1677	225
268	1721	1989			1688	226
269	1723	1992			1691	227
270	1733	2003	304	43		
271	1741	2012			1706	228
272	1747	2019			1712	229
273	1753	2026			1719	230
274	1759	2033			1724	231
275	1777	2052			1742	232
276	1783	2059			1748	233
277	1787	2064			1752	234
278	1789	2067			1755	235
279	1801	2080			1767	236
280	1811	2091			1774	237
281	1823	2104			1786	238
282	1831	2113	319	44		
283	1847	2130			1809	239
284	1861	2145			1820	240
285	1867	2152			1827	241
286	1871	2157			1831	242
287	1873	2160			1834	243
288	1877	2165			1838	244
289	1879	2168			1841	245
290	1889	2179	327	45		
291	1901	2192			1864	246
292	1907	2199			1871	247
293	1913	2206			1877	248
294	1931	2225			1893	249
295	1933	2228			1896	250
296	1949	2245			1910	251
297	1951	2248			1913	252
298	1973	2271			1933	253
299	1979	2278			1939	254
300	1987	2287	340	46		
301	1993	2294			1952	255
302	1997	2299			1956	256
303	1999	2302			1959	257
304	2003	2307			1964	258
305	2011	2316			1971	259
306	2017	2323			1978	260
307	2027	2334			1988	261
308	2029	2337			1991	262
309	2039	2348			1999	263
310	2053	2363			2012	264
311	2063	2374			2022	265
312	2069	2381	353	47		
313	2081	2394			2037	266
314	2083	2397			2040	267
315	2087	2402			2044	268
316	2089	2405			2047	269
317	2099	2416			2057	270
318	2111	2429			2068	271
319	2113	2432			2071	272
320	2129	2449			2085	273
321	2131	2452			2088	274
322	2137	2459	364	48		
323	2141	2464			2099	275
324	2143	2467	365	49		
325	2153	2478			2110	276
326	2161	2487			2119	277
327	2179	2506			2137	278
328	2203	2531	370	50		
329	2207	2536			2165	279
330	2213	2543	372	51		
331	2221	2552			2177	280
332	2237	2569			2193	281

333	2239	2572			2196	282
334	2243	2577			2201	283
335	2251	2586			2209	284
336	2267	2603			2224	285
337	2269	2606			2227	286
338	2273	2611			2231	287
339	2281	2620			2239	288
340	2287	2627			2245	289
341	2293	2634			2251	290
342	2297	2639			2256	291
343	2309	2652			2268	292
344	2311	2655			2271	293
345	2333	2678			2289	294
346	2339	2685			2295	295
347	2341	2688			2297	296
348	2347	2695			2302	297
349	2351	2700			2306	298
350	2357	2707	394	52		
351	2371	2722			2324	299
352	2377	2729	398	53		
353	2381	2734			2334	300
354	2383	2737			2337	301
355	2389	2744			2343	302
356	2393	2749	401	54		
357	2399	2756			2353	303
358	2411	2769			2365	304
359	2417	2776			2372	305
360	2423	2783			2378	306
361	2437	2798			2390	307
362	2441	2803	409	55		
363	2447	2810			2400	308
364	2459	2823			2412	309
365	2467	2832			2421	310
366	2473	2839			2426	311
367	2477	2844			2430	312
368	2503	2871			2454	313
369	2521	2890			2471	314
370	2531	2901			2481	315
371	2539	2910			2488	316
372	2543	2915			2493	317
373	2549	2922			2499	318
374	2551	2925			2502	319
375	2557	2932			2508	320
376	2579	2955			2529	321
377	2591	2968			2540	322
378	2593	2971	429	56		
379	2609	2988			2558	323
380	2617	2997			2567	324
381	2621	3002			2570	325
382	2633	3015			2582	326
383	2647	3030			2595	327
384	2657	3041	436	57		
385	2659	3044			2607	328
386	2663	3049	437	58		
387	2671	3058			2620	329
388	2677	3065			2626	330
389	2683	3072			2632	331
390	2687	3077			2637	332
391	2689	3080			2639	333
392	2693	3085			2643	334
393	2699	3092			2649	335
394	2707	3101			2658	336
395	2711	3106			2663	337
396	2713	3109	443	59		
397	2719	3116			2672	338
398	2729	3127			2681	339
399	2731	3130			2684	340
400	2741	3141			2694	341
401	2749	3150			2703	342
402	2753	3155			2708	343

403	2767	3170			2720	344
404	2777	3181	450	60		
405	2789	3194			2741	345
406	2791	3197			2744	346
407	2797	3204			2750	347
408	2801	3209	454	61		
409	2803	3212			2757	348
410	2819	3229	457	62		
411	2833	3244			2786	349
412	2837	3249			2791	350
413	2843	3256			2796	351
414	2851	3265			2803	352
415	2857	3272			2809	353
416	2861	3277			2814	354
417	2879	3296			2833	355
418	2887	3305			2840	356
419	2897	3316			2849	357
420	2903	3323	468	63		
421	2909	3330			2860	358
422	2917	3339			2868	359
423	2927	3350			2877	360
424	2939	3363			2888	361
425	2953	3378			2901	362
426	2957	3383			2906	363
427	2963	3390			2912	364
428	2969	3397			2918	365
429	2971	3400			2921	366
430	2999	3429			2948	367
431	3001	3432			2951	368
432	3011	3443			2961	369
433	3019	3452			2969	370
434	3023	3457	483	64		
435	3037	3472			2984	371
436	3041	3477			2989	372
437	3049	3486			2998	373
438	3061	3499	489	65		
439	3067	3506			3016	374
440	3079	3519			3027	375
441	3083	3524			3032	376
442	3089	3531			3037	377
443	3109	3552			3054	378
444	3119	3563			3063	379
445	3121	3566			3066	380
446	3137	3583	502	66		
447	3163	3610			3105	381
448	3167	3615			3109	382
449	3169	3618			3111	383
450	3181	3631	508	67		
451	3187	3638			3128	384
452	3191	3643	510	68		
453	3203	3656			3145	385
454	3209	3663			3151	386
455	3217	3672			3159	387
456	3221	3677	514	69		
457	3229	3686			3171	388
458	3251	3709	518	70		
459	3253	3712			3193	389
460	3257	3717			3198	390
461	3259	3720			3200	391
462	3271	3733	521	71		
463	3299	3762			3238	392
464	3301	3765			3241	393
465	3307	3772			3246	394
466	3313	3779	526	72		
467	3319	3786			3259	395
468	3323	3791			3264	396
469	3329	3798			3269	397
470	3331	3801			3272	398
471	3343	3814			3284	399
472	3347	3819			3289	400

473	3359	3832			3300	401
474	3361	3835			3302	402
475	3371	3846			3313	403
476	3373	3849			3315	404
477	3389	3866			3329	405
478	3391	3869			3332	406
479	3407	3886			3347	407
480	3413	3893			3353	408
481	3433	3914			3372	409
482	3449	3931	546	73		
483	3457	3940			3393	410
484	3461	3945			3397	411
485	3463	3948			3399	412
486	3467	3953			3404	413
487	3469	3956			3407	414
488	3491	3979			3429	415
489	3499	3988			3438	416
490	3511	4001	551	74		
491	3517	4008			3454	417
492	3527	4019	555	75		
493	3529	4022			3465	418
494	3533	4027	557	76		
495	3539	4034			3476	419
496	3541	4037			3479	420
497	3547	4044			3486	421
498	3557	4055			3495	422
499	3559	4058			3497	423
500	3571	4071			3510	424
501	3581	4082			3519	425
502	3583	4085			3522	426
503	3593	4096			3531	427
504	3607	4111	566	77		
505	3613	4118			3551	428
506	3617	4123			3556	429
507	3623	4130			3561	430
508	3631	4139	570	78		
509	3637	4146			3575	431
510	3643	4153	571	79		
511	3659	4170			3596	432
512	3671	4183			3608	433
513	3673	4186			3611	434
514	3677	4191			3616	435
515	3691	4206			3630	436
516	3697	4213			3636	437
517	3701	4218			3640	438
518	3709	4227			3648	439
519	3719	4238			3657	440
520	3727	4247			3664	441
521	3733	4254			3670	442
522	3739	4261	585	80		
523	3761	4284			3695	443
524	3767	4291			3701	444
525	3769	4294			3704	445
526	3779	4305			3714	446
527	3793	4320			3729	447
528	3797	4325			3734	448
529	3803	4332			3740	449
530	3821	4351			3756	450
531	3823	4354			3759	451
532	3833	4365			3768	452
533	3847	4380			3782	453
534	3851	4385			3787	454
535	3853	4388			3790	455
536	3863	4399			3799	456
537	3877	4414			3813	457
538	3881	4419			3818	458
539	3889	4428			3825	459
540	3907	4447	604	81		
541	3911	4452			3846	460
542	3917	4459			3852	461

543	3919	4462			3855	462
544	3923	4467			3859	463
545	3929	4474			3866	464
546	3931	4477			3869	465
547	3943	4490			3880	466
548	3947	4495			3884	467
549	3967	4516			3903	468
550	3989	4539			3923	469
551	4001	4552			3934	470
552	4003	4555			3937	471
553	4007	4560			3942	472
554	4013	4567	619	82		
555	4019	4574			3954	473
556	4021	4577			3957	474
557	4027	4584			3963	475
558	4049	4607			3983	476
559	4051	4610			3986	477
560	4057	4617			3993	478
561	4073	4634			4009	479
562	4079	4641			4014	480
563	4091	4654			4024	481
564	4093	4657	630	83		
565	4099	4664			4032	482
566	4111	4677			4044	483
567	4127	4694			4059	484
568	4129	4697			4062	485
569	4133	4702			4067	486
570	4139	4709			4073	487
571	4153	4724			4086	488
572	4157	4729	638	84		
573	4159	4732			4093	489
574	4177	4751	640	85		
575	4201	4776			4134	490
576	4211	4787	643	86		
577	4217	4794			4148	491
578	4219	4797			4151	492
579	4229	4808			4160	493
580	4231	4811			4163	494
581	4241	4822			4172	495
582	4243	4825			4175	496
583	4253	4836			4185	497
584	4259	4843			4192	498
585	4261	4846			4195	499
586	4271	4857			4206	500
587	4273	4860			4209	501
588	4283	4871	652	87		
589	4289	4878			4224	502
590	4297	4887			4233	503
591	4327	4918			4261	504
592	4337	4929			4271	505
593	4339	4932			4273	506
594	4349	4943	661	88		
595	4357	4952			4289	507
596	4363	4959			4295	508
597	4373	4970			4304	509
598	4391	4989			4321	510
599	4397	4996			4327	511
600	4409	5009	671	89		
601	4421	5022			4348	512
602	4423	5025			4350	513
603	4441	5044			4368	514
604	4447	5051	676	90		
605	4451	5056			4379	515
606	4457	5063			4385	516
607	4463	5070			4392	517
608	4481	5089			4408	518
609	4483	5092			4411	519
610	4493	5103			4420	520
611	4507	5118			4433	521
612	4513	5125			4439	522

613	4517	5130			4444	523
614	4519	5133			4447	524
615	4523	5138			4452	525
616	4547	5163			4475	526
617	4549	5166			4478	527
618	4561	5179	690	91		
619	4567	5186			4495	528
620	4583	5203			4510	529
621	4591	5212			4518	530
622	4597	5219			4525	531
623	4603	5226			4532	532
624	4621	5245			4547	533
625	4637	5262			4563	534
626	4639	5265			4566	535
627	4643	5270			4571	536
628	4649	5277			4577	537
629	4651	5280			4579	538
630	4657	5287			4585	539
631	4663	5294			4592	540
632	4673	5305			4601	541
633	4679	5312			4607	542
634	4691	5325			4619	543
635	4703	5338			4631	544
636	4721	5357			4648	545
637	4723	5360			4651	546
638	4729	5367			4658	547
639	4733	5372			4663	548
640	4751	5391			4680	549
641	4759	5400			4687	550
642	4783	5425			4708	551
643	4787	5430			4713	552
644	4789	5433			4715	553
645	4793	5438			4719	554
646	4799	5445			4724	555
647	4801	5448			4727	556
648	4813	5461			4739	557
649	4817	5466			4744	558
650	4831	5481			4756	559
651	4861	5512			4783	560
652	4871	5523			4792	561
653	4877	5530			4798	562
654	4889	5543			4810	563
655	4903	5558			4824	564
656	4909	5565			4830	565
657	4919	5576			4839	566
658	4931	5589			4851	567
659	4933	5592			4853	568
660	4937	5597			4858	569
661	4943	5604			4865	570
662	4951	5613			4874	571
663	4957	5620			4881	572
664	4967	5631			4891	573
665	4969	5634			4894	574
666	4973	5639	740	92		
667	4987	5654			4909	575
668	4993	5661			4914	576
669	4999	5668			4921	577
670	5003	5673			4925	578
671	5009	5680			4932	579
672	5011	5683	748	93		
673	5021	5694			4943	580
674	5023	5697			4946	581
675	5039	5714			4961	582
676	5051	5727			4973	583
677	5059	5736			4982	584
678	5077	5755			4997	585
679	5081	5760			5002	586
680	5087	5767			5009	587
681	5099	5780			5021	588
682	5101	5783	759	94		

683	5107	5790			5030	589
684	5113	5797			5036	590
685	5119	5804			5042	591
686	5147	5833			5067	592
687	5153	5840			5073	593
688	5167	5855			5085	594
689	5171	5860			5089	595
690	5179	5869	773	95		
691	5189	5880			5105	596
692	5197	5889			5113	597
693	5209	5902			5125	598
694	5227	5921			5143	599
695	5231	5926			5147	600
696	5233	5929			5149	601
697	5237	5934			5154	602
698	5261	5959			5177	603
699	5273	5972			5190	604
700	5279	5979			5197	605
701	5281	5982			5199	606
702	5297	5999			5215	607
703	5303	6006			5222	608
704	5309	6013			5227	609
705	5323	6028			5242	610
706	5333	6039			5251	611
707	5347	6054			5263	612
708	5351	6059			5268	613
709	5381	6090			5295	614
710	5387	6097			5301	615
711	5393	6104			5307	616
712	5399	6111			5314	617
713	5407	6120			5322	618
714	5413	6127			5328	619
715	5417	6132			5332	620
716	5419	6135			5334	621
717	5431	6148			5346	622
718	5437	6155			5352	623
719	5441	6160			5357	624
720	5443	6163	803	96		
721	5449	6170			5366	625
722	5471	6193			5388	626
723	5477	6200			5393	627
724	5479	6203	807	97		
725	5483	6208			5400	628
726	5501	6227			5416	629
727	5503	6230			5418	630
728	5507	6235			5423	631
729	5519	6248			5435	632
730	5521	6251			5438	633
731	5527	6258			5444	634
732	5531	6263	814	98		
733	5557	6290			5471	635
734	5563	6297			5478	636
735	5569	6304			5483	637
736	5573	6309			5488	638
737	5581	6318			5495	639
738	5591	6329	824	99		
739	5623	6362			5532	640
740	5639	6379	832	100		
741	5641	6382			5549	641
742	5647	6389	833	101		
743	5651	6394			5560	642
744	5653	6397	834	102		
745	5657	6402			5567	643
746	5659	6405			5570	644
747	5669	6416			5581	645
748	5683	6431			5594	646
749	5689	6438			5601	647
750	5693	6443			5606	648
751	5701	6452			5613	649
752	5711	6463			5624	650

753	5717	6470			5630	651
754	5737	6491	842	103		
755	5741	6496			5653	652
756	5743	6499			5656	653
757	5749	6506			5663	654
758	5779	6537			5692	655
759	5783	6542			5697	656
760	5791	6551	846	104		
761	5801	6562			5714	657
762	5807	6569	849	105		
763	5813	6576			5725	658
764	5821	6585			5732	659
765	5827	6592			5739	660
766	5839	6605			5751	661
767	5843	6610			5755	662
768	5849	6617			5762	663
769	5851	6620			5764	664
770	5857	6627			5771	665
771	5861	6632			5776	666
772	5867	6639			5782	667
773	5869	6642			5785	668
774	5879	6653	857	106		
775	5881	6656			5798	669
776	5897	6673	860	107		
777	5903	6680			5818	670
778	5923	6701	864	108		
779	5927	6706			5840	671
780	5939	6719	867	109		
781	5953	6734			5865	672
782	5981	6763	871	110		
783	5987	6770			5898	673
784	6007	6791	874	111		
785	6011	6796			5920	674
786	6029	6815			5938	675
787	6037	6824			5946	676
788	6043	6831			5951	677
789	6047	6836			5955	678
790	6053	6843			5961	679
791	6067	6858			5975	680
792	6073	6865			5981	681
793	6079	6872			5986	682
794	6089	6883	886	112		
795	6091	6886			5999	683
796	6101	6897			6010	684
797	6113	6910			6021	685
798	6121	6919			6028	686
799	6131	6930			6039	687
800	6133	6933			6042	688
801	6143	6944			6053	689
802	6151	6953			6060	690
803	6163	6966			6071	691
804	6173	6977	897	113		
805	6197	7002			6100	692
806	6199	7005			6103	693
807	6203	7010			6108	694
808	6211	7019	903	114		
809	6217	7026			6122	695
810	6221	7031			6126	696
811	6229	7040			6134	697
-----						
Index	Prime	Sum	PSum	P	CSum	C
-----						
Count	811	811	114	114	697	697
Sum	329266	2346066	2675332	48853	6555	2001061
-----						
-----						

Note 1:  $DF811 = AC619 = AP114 - AC114 = 1077$



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 Prime Gaps and Chapter 9 with 129 Verses  
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## Pattern 129a:

There are 811 prime numbers in the verse sequences from 1 to 6236.  
 The largest gap between these prime numbers is 34 from 1327 to 1361.  
 From verse 1327 is Quran 9:92  
 To verse 1361 is Quran 9:126  
 Verse number sum =  $92 + 126 = 218$  where  $P_{218} = 1361$

-----			58	271	2	118	647	4
#	Prime	Gap	59	277	6	119	653	6
-----			60	281	4	120	659	6
1	2	-	61	283	2	121	661	2
2	3	1	62	293	10	122	673	12
3	5	2	63	307	14	123	677	4
4	7	2	64	311	4	124	683	6
5	11	4	65	313	2	125	691	8
6	13	2	66	317	4	126	701	10
7	17	4	67	331	14	127	709	8
8	19	2	68	337	6	128	719	10
9	23	4	69	347	10	129	727	8
10	29	6	70	349	2	130	733	6
11	31	2	71	353	4	131	739	6
12	37	6	72	359	6	132	743	4
13	41	4	73	367	8	133	751	8
14	43	2	74	373	6	134	757	6
15	47	4	75	379	6	135	761	4
16	53	6	76	383	4	136	769	8
17	59	6	77	389	6	137	773	4
18	61	2	78	397	8	138	787	14
19	67	6	79	401	4	139	797	10
20	71	4	80	409	8	140	809	12
21	73	2	81	419	10	141	811	2
22	79	6	82	421	2	142	821	10
23	83	4	83	431	10	143	823	2
24	89	6	84	433	2	144	827	4
25	97	8	85	439	6	145	829	2
26	101	4	86	443	4	146	839	10
27	103	2	87	449	6	147	853	14
28	107	4	88	457	8	148	857	4
29	109	2	89	461	4	149	859	2
30	113	4	90	463	2	150	863	4
31	127	14	91	467	4	151	877	14
32	131	4	92	479	12	152	881	4
33	137	6	93	487	8	153	883	2
34	139	2	94	491	4	154	887	4
35	149	10	95	499	8	155	907	20
36	151	2	96	503	4	156	911	4
37	157	6	97	509	6	157	919	8
38	163	6	98	521	12	158	929	10
39	167	4	99	523	2	159	937	8
40	173	6	100	541	18	160	941	4
41	179	6	101	547	6	161	947	6
42	181	2	102	557	10	162	953	6
43	191	10	103	563	6	163	967	14
44	193	2	104	569	6	164	971	4
45	197	4	105	571	2	165	977	6
46	199	2	106	577	6	166	983	6
47	211	12	107	587	10	167	991	8
48	223	12	108	593	6	168	997	6
49	227	4	109	599	6	169	1009	12
50	229	2	110	601	2	170	1013	4
51	233	4	111	607	6	171	1019	6
52	239	6	112	613	6	172	1021	2
53	241	2	113	617	4	173	1031	10
54	251	10	114	619	2	174	1033	2
55	257	6	115	631	12	175	1039	6
56	263	6	116	641	10	176	1049	10
57	269	6	117	643	2	177	1051	2

178	1061	10	248	1571	4	318	2111	12
179	1063	2	249	1579	8	319	2113	2
180	1069	6	250	1583	4	320	2129	16
181	1087	18	251	1597	14	321	2131	2
182	1091	4	252	1601	4	322	2137	6
183	1093	2	253	1607	6	323	2141	4
184	1097	4	254	1609	2	324	2143	2
185	1103	6	255	1613	4	325	2153	10
186	1109	6	256	1619	6	326	2161	8
187	1117	8	257	1621	2	327	2179	18
188	1123	6	258	1627	6	328	2203	24
189	1129	6	259	1637	10	329	2207	4
190	1151	22	260	1657	20	330	2213	6
191	1153	2	261	1663	6	331	2221	8
192	1163	10	262	1667	4	332	2237	16
193	1171	8	263	1669	2	333	2239	2
194	1181	10	264	1693	24	334	2243	4
195	1187	6	265	1697	4	335	2251	8
196	1193	6	266	1699	2	336	2267	16
197	1201	8	267	1709	10	337	2269	2
198	1213	12	268	1721	12	338	2273	4
199	1217	4	269	1723	2	339	2281	8
200	1223	6	270	1733	10	340	2287	6
201	1229	6	271	1741	8	341	2293	6
202	1231	2	272	1747	6	342	2297	4
203	1237	6	273	1753	6	343	2309	12
204	1249	12	274	1759	6	344	2311	2
205	1259	10	275	1777	18	345	2333	22
206	1277	18	276	1783	6	346	2339	6
207	1279	2	277	1787	4	347	2341	2
208	1283	4	278	1789	2	348	2347	6
209	1289	6	279	1801	12	349	2351	4
210	1291	2	280	1811	10	350	2357	6
211	1297	6	281	1823	12	351	2371	14
212	1301	4	282	1831	8	352	2377	6
213	1303	2	283	1847	16	353	2381	4
214	1307	4	284	1861	14	354	2383	2
215	1319	12	285	1867	6	355	2389	6
216	1321	2	286	1871	4	356	2393	4
217	1327	6	287	1873	2	357	2399	6
---> 218	1361	34	288	1877	4	358	2411	12
219	1367	6	289	1879	2	359	2417	6
220	1373	6	290	1889	10	360	2423	6
221	1381	8	291	1901	12	361	2437	14
222	1399	18	292	1907	6	362	2441	4
223	1409	10	293	1913	6	363	2447	6
224	1423	14	294	1931	18	364	2459	12
225	1427	4	295	1933	2	365	2467	8
226	1429	2	296	1949	16	366	2473	6
227	1433	4	297	1951	2	367	2477	4
228	1439	6	298	1973	22	368	2503	26
229	1447	8	299	1979	6	369	2521	18
230	1451	4	300	1987	8	370	2531	10
231	1453	2	301	1993	6	371	2539	8
232	1459	6	302	1997	4	372	2543	4
233	1471	12	303	1999	2	373	2549	6
234	1481	10	304	2003	4	374	2551	2
235	1483	2	305	2011	8	375	2557	6
236	1487	4	306	2017	6	376	2579	22
237	1489	2	307	2027	10	377	2591	12
238	1493	4	308	2029	2	378	2593	2
239	1499	6	309	2039	10	379	2609	16
240	1511	12	310	2053	14	380	2617	8
241	1523	12	311	2063	10	381	2621	4
242	1531	8	312	2069	6	382	2633	12
243	1543	12	313	2081	12	383	2647	14
244	1549	6	314	2083	2	384	2657	10
245	1553	4	315	2087	4	385	2659	2
246	1559	6	316	2089	2	386	2663	4
247	1567	8	317	2099	10	387	2671	8

388	2677	6	458	3251	22	528	3797	4
389	2683	6	459	3253	2	529	3803	6
390	2687	4	460	3257	4	530	3821	18
391	2689	2	461	3259	2	531	3823	2
392	2693	4	462	3271	12	532	3833	10
393	2699	6	463	3299	28	533	3847	14
394	2707	8	464	3301	2	534	3851	4
395	2711	4	465	3307	6	535	3853	2
396	2713	2	466	3313	6	536	3863	10
397	2719	6	467	3319	6	537	3877	14
398	2729	10	468	3323	4	538	3881	4
399	2731	2	469	3329	6	539	3889	8
400	2741	10	470	3331	2	540	3907	18
401	2749	8	471	3343	12	541	3911	4
402	2753	4	472	3347	4	542	3917	6
403	2767	14	473	3359	12	543	3919	2
404	2777	10	474	3361	2	544	3923	4
405	2789	12	475	3371	10	545	3929	6
406	2791	2	476	3373	2	546	3931	2
407	2797	6	477	3389	16	547	3943	12
408	2801	4	478	3391	2	548	3947	4
409	2803	2	479	3407	16	549	3967	20
410	2819	16	480	3413	6	550	3989	22
411	2833	14	481	3433	20	551	4001	12
412	2837	4	482	3449	16	552	4003	2
413	2843	6	483	3457	8	553	4007	4
414	2851	8	484	3461	4	554	4013	6
415	2857	6	485	3463	2	555	4019	6
416	2861	4	486	3467	4	556	4021	2
417	2879	18	487	3469	2	557	4027	6
418	2887	8	488	3491	22	558	4049	22
419	2897	10	489	3499	8	559	4051	2
420	2903	6	490	3511	12	560	4057	6
421	2909	6	491	3517	6	561	4073	16
422	2917	8	492	3527	10	562	4079	6
423	2927	10	493	3529	2	563	4091	12
424	2939	12	494	3533	4	564	4093	2
425	2953	14	495	3539	6	565	4099	6
426	2957	4	496	3541	2	566	4111	12
427	2963	6	497	3547	6	567	4127	16
428	2969	6	498	3557	10	568	4129	2
429	2971	2	499	3559	2	569	4133	4
430	2999	28	500	3571	12	570	4139	6
431	3001	2	501	3581	10	571	4153	14
432	3011	10	502	3583	2	572	4157	4
433	3019	8	503	3593	10	573	4159	2
434	3023	4	504	3607	14	574	4177	18
435	3037	14	505	3613	6	575	4201	24
436	3041	4	506	3617	4	576	4211	10
437	3049	8	507	3623	6	577	4217	6
438	3061	12	508	3631	8	578	4219	2
439	3067	6	509	3637	6	579	4229	10
440	3079	12	510	3643	6	580	4231	2
441	3083	4	511	3659	16	581	4241	10
442	3089	6	512	3671	12	582	4243	2
443	3109	20	513	3673	2	583	4253	10
444	3119	10	514	3677	4	584	4259	6
445	3121	2	515	3691	14	585	4261	2
446	3137	16	516	3697	6	586	4271	10
447	3163	26	517	3701	4	587	4273	2
448	3167	4	518	3709	8	588	4283	10
449	3169	2	519	3719	10	589	4289	6
450	3181	12	520	3727	8	590	4297	8
451	3187	6	521	3733	6	591	4327	30
452	3191	4	522	3739	6	592	4337	10
453	3203	12	523	3761	22	593	4339	2
454	3209	6	524	3767	6	594	4349	10
455	3217	8	525	3769	2	595	4357	8
456	3221	4	526	3779	10	596	4363	6
457	3229	8	527	3793	14	597	4373	10

598	4391	18	668	4993	6	738	5591	10
599	4397	6	669	4999	6	739	5623	32
600	4409	12	670	5003	4	740	5639	16
601	4421	12	671	5009	6	741	5641	2
602	4423	2	672	5011	2	742	5647	6
603	4441	18	673	5021	10	743	5651	4
604	4447	6	674	5023	2	744	5653	2
605	4451	4	675	5039	16	745	5657	4
606	4457	6	676	5051	12	746	5659	2
607	4463	6	677	5059	8	747	5669	10
608	4481	18	678	5077	18	748	5683	14
609	4483	2	679	5081	4	749	5689	6
610	4493	10	680	5087	6	750	5693	4
611	4507	14	681	5099	12	751	5701	8
612	4513	6	682	5101	2	752	5711	10
613	4517	4	683	5107	6	753	5717	6
614	4519	2	684	5113	6	754	5737	20
615	4523	4	685	5119	6	755	5741	4
616	4547	24	686	5147	28	756	5743	2
617	4549	2	687	5153	6	757	5749	6
618	4561	12	688	5167	14	758	5779	30
619	4567	6	689	5171	4	759	5783	4
620	4583	16	690	5179	8	760	5791	8
621	4591	8	691	5189	10	761	5801	10
622	4597	6	692	5197	8	762	5807	6
623	4603	6	693	5209	12	763	5813	6
624	4621	18	694	5227	18	764	5821	8
625	4637	16	695	5231	4	765	5827	6
626	4639	2	696	5233	2	766	5839	12
627	4643	4	697	5237	4	767	5843	4
628	4649	6	698	5261	24	768	5849	6
629	4651	2	699	5273	12	769	5851	2
630	4657	6	700	5279	6	770	5857	6
631	4663	6	701	5281	2	771	5861	4
632	4673	10	702	5297	16	772	5867	6
633	4679	6	703	5303	6	773	5869	2
634	4691	12	704	5309	6	774	5879	10
635	4703	12	705	5323	14	775	5881	2
636	4721	18	706	5333	10	776	5897	16
637	4723	2	707	5347	14	777	5903	6
638	4729	6	708	5351	4	778	5923	20
639	4733	4	709	5381	30	779	5927	4
640	4751	18	710	5387	6	780	5939	12
641	4759	8	711	5393	6	781	5953	14
642	4783	24	712	5399	6	782	5981	28
643	4787	4	713	5407	8	783	5987	6
644	4789	2	714	5413	6	784	6007	20
645	4793	4	715	5417	4	785	6011	4
646	4799	6	716	5419	2	786	6029	18
647	4801	2	717	5431	12	787	6037	8
648	4813	12	718	5437	6	788	6043	6
649	4817	4	719	5441	4	789	6047	4
650	4831	14	720	5443	2	790	6053	6
651	4861	30	721	5449	6	791	6067	14
652	4871	10	722	5471	22	792	6073	6
653	4877	6	723	5477	6	793	6079	6
654	4889	12	724	5479	2	794	6089	10
655	4903	14	725	5483	4	795	6091	2
656	4909	6	726	5501	18	796	6101	10
657	4919	10	727	5503	2	797	6113	12
658	4931	12	728	5507	4	798	6121	8
659	4933	2	729	5519	12	799	6131	10
660	4937	4	730	5521	2	800	6133	2
661	4943	6	731	5527	6	801	6143	10
662	4951	8	732	5531	4	802	6151	8
663	4957	6	733	5557	26	803	6163	12
664	4967	10	734	5563	6	804	6173	10
665	4969	2	735	5569	6	805	6197	24
666	4973	4	736	5573	4	806	6199	2
667	4987	14	737	5581	8	807	6203	4

808	6211	8	811	6229	8	Sum	329266	2346066
809	6217	6	-----				6227	
810	6221	4					-----	

The largest gap between these prime numbers is 34.  
Dürer's super magic square has 81 ways of summing four squares to 34:

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

Any two numbers symmetrically placed about the center of the square sums to 17.

Note 1: Chapter number multiplied by Largest Gap =  $9 \times 34 = 306$

Chapter 9 has no BismAllah as it talks about punishment for the disbelievers, and it starts with Baa which no other chapter starts with except chapter 1 so it does not need BismAllah like the other 112 chapters.  
Baa is for Bidayah (بداية) = Beginning.

There are 306 verses in the Quran with the word "Punishment عذاب"

There are 306 words in the range for the most repeated verse in the Quran  
رَبُّكُمْ تَكْذِبَان from Quran 55:13 to Quran 55:77.  
See <http://heliwave.com/306.xls>

Note 2: P306 = 2017 = number of verses from start of chapter 9 to end of chapter 27  
where chapter 9 has no BismAllah while chapter 27 has an extra BismAllah in 27:30.

Pattern 129b:

There are 810 prime gaps  
where  $810 = 9^2 + 27^2$   
where chapter 9 has no BismAllah while chapter 27 has an extra BismAllah in 27:30.

Gap	Frequency
1	1
2	146
4	144
6	198
8	68
10	79
12	60
14	34
16	20
18	22
20	8
22	10
24	7
26	3
28	4
30	4
32	1
34	1

Sum	307	810
-----	-----	-----

Pattern 129c:

Number of chapters containing verse number 129 = 9  
Sum of chapters containing verse number 129 = 114

Name	C	V
البقرة	2	286
آل عمران	3	200

النساء	4	176	
الأنعام	6	165	
الأعراف	7	206	
التوبة	9	129	
طه	20	135	
الشعراء	26	227	
الصفات	37	182	
-----			
Count	9	9	
Sum	114	1706	
-----			

Note 1: 1706 = 1439th composite number.

Pattern 129d:

Chapter 57 has 29 verses [pattern 8]  
 Chapter 9 has 129 verses  
 where  $129 = 2 + 3 + 5 + 7 + 11 + 13 + 17 + 19 + 23 + 29$

Right-to-left 227-digit concatenated number of verses of all chapters is a prime:

65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111  
 41324222996785562496045182938353759895354857588182834554733034606988932277764118781121359  
 8110111128995243111123109129752061651201762002867

6,5,4,5,3,6,3,7,4,5,9,3,8,11,11,8,8,5,19,8,8,11,21,15,20,30,26,19,17,22,25,36,19,29,42,46  
 ,40,50,31,40,56,20,28,28,44,52,52,30,12,12,18,11,11,14,13,24,22,29,96,78,55,62,49,60,45,1  
 8,29,38,35,37,59,89,53,54,85,75,88,182,83,45,54,73,30,34,60,69,88,93,227,77,64,118,78,112  
 ,135,98,110,111,128,99,52,43,111,123,109,129,75,206,165,120,176,200,286,7

Chapter 9 has 129 verses.

Digit	1,	2,	9
Position from right	24,	23,	22
Digit + Position =	25,	25,	31

Digits	1,	2,	9
Position from left	204,	205,	206
Digit - Position =	203,	203,	197

Multiplication	25×203,	31×197
	5075,	6107
6236 - 5075	= 1161	= 9×129 = verses from chapter 57 to the end of the Quran
	5075	= verses from before chapter 57
6236 - 6107	= 129	= verses in chapter 9

Verses in chapters <57: 67855624960451829383537598953548575881828345547330346069889322777  
 641187811213598110111128995243111123109129752061651201762002867

Digits	: 129
Verses in chapter 57	: 29
Digits	: 2

Verses in chapters >57: 65453637459381111885198811211520302619172225361929424640503140562  
 0282844525230121218111114132422

Digits : 96  
 There are  $1364 = 2 \times 2 \times 11 \times 31$  verses in the first 9 chapters of the Quran:

#	Name	C	V
1	الفاتحة	1	7
2	البقرة	2	286
3	آل عمران	3	200
4	النساء	4	176
5	المائدة	5	120
6	الأنعام	6	165
7	الأعراف	7	206
8	الأنفال	8	75
9	التوبة	9	129
-----			
Sum	45	45	1364
-----			

There are 1161 = 9×129 verses in the Quran from chapter 57 to the end of the Quran:

#	Name	C	V
1	الحديد	57	29
2	المجادلة		58 22
3	الحشر	59	24
4	الممتحنة		60 13
5	الصف	61	14
6	الجمعة	62	11
7	المنافقون		63 11
8	التغابن		64 18
9	الطلاق	65	12
10	التحريم		66 12
11	الملك	67	30
12	القلم	68	52
13	الحاقة	69	52
14	المعارج		70 44
15	نوح	71	28
16	الجن	72	28
17	المزمل	73	20
18	المدثر	74	56
19	القيامة		75 40
20	الانسان	76	31
21	المرسلات		77 50
22	النبا	78	40
23	النازعات		79 46
24	عبس	80	42
25	التكوير		81 29
26	الانفطار		82 19
27	المطففين		83 36
28	الانشقاق		84 25
29	البروج	85	22
30	الطارق	86	17
31	الأعلى	87	19
32	الغاشية		88 26
33	الفجر	89	30
34	البعد	90	20
35	الشمس	91	15
36	الليل	92	21
37	الضحى	93	11
38	الشرح	94	8
39	التين	95	8
40	العلق	96	19
41	القدر	97	5
42	البينة	98	8
43	الزلزلة		99 8
44	العاديات		100 11
45	القارعة		101 11
46	التكاثر		102 8
47	العصر	103	3
48	الهمزة	104	9
49	الفيل	105	5
50	قريش	106	4
51	الماعون		107 7
52	الكوثر	108	3
53	الكافرون		109 6
54	النصر	110	3
55	المسد	111	5
56	الإخلاص	112	4
57	الفلق	113	5
58	الناس	114	6
-----			
Sum	1711	4959	1161
-----			

Note 1: 1364 + 1161 = 2525 = 101×25

where Quran 57:25 is where the word Iron is revealed as sent from heaven,  
and 101 is the 26th prime number where 26 is the atomic number of Iron.

Quran 57:25 لَقَدْ أَرْسَلْنَا رُسُلَنَا بِالْبَيِّنَاتِ وَأَنْزَلْنَا مَعَهُمُ الْكِتَابَ وَالْمِيزَانَ لِيَقُومَ النَّاسُ بِالْقِسْطِ وَأَنْزَلْنَا الْحَدِيدَ فِيهِ بَأْسٌ شَدِيدٌ وَمَنْفَعٌ لِلنَّاسِ وَلِيَعْلَمَ اللَّهُ مَنْ يَنْصُرُهُ وَرُسُلَهُ بِالْغَيْبِ إِنَّ اللَّهَ قَوِيٌّ عَزِيزٌ  
 Certainly We have sent Our Messengers with manifest proofs, and We have sent down with them the Book and the Balance, so that mankind may maintain justice; and We have sent down iron, in which there is great might and uses for mankind, and so that Allah may know those who help Him and His Messengers in the Unseen. Indeed Allah is All-Strong, All-Mighty.

Sum of the first 26 prime numbers = 1161 = 9×129

#	Prime
1	2
2	3
3	5
4	7
5	11
6	13
7	17
8	19
9	23
10	29
11	31
12	37
13	41
14	43
15	47
16	53
17	59
18	61
19	67
20	71
21	73
22	79
23	83
24	89
25	97
26	101
Sum 351	1161

Note 2: Chapter 57 has 29 verses. Split the Quran verse digits at 2 | 9 of chapter 57:

65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111  
 41324222|99678556249604518293835375989535485758818283455473303460698893227776411878112135  
 98110111128995243111123109129752061651201762002867

Verses in chapters <=57: 9967855624960451829383537598953548575881828345547330346069889322  
 777641187811213598110111128995243111123109129752061651201762002867

Sum of digits = 575 where P575 = 4201 = Alphabet\_Primes1 value of chapter 112 (الإحلام).

Verses in chapters >=57: 6545363745938111188519881121152030261917222536192942464050314056  
 202828445252301212181111141324222

Sum of digits = 333 where P333 = 2239 = Sum of chapter numbers with prime verses.

#	Name	C	V
1	الفاتحة	1	7
2	يونس	10	109
3	الرعد	13	43
4	الشعراء	26	227
5	الأحزاب	33	73
6	يس	36	83
7	الشورى	42	53
8	الزخرف	43	89
9	الدخان	44	59
10	الجاثية	45	37
11	الفتح	48	29
12	الحديد	57	29



13	المتحنة	60	13
14	الجمعة 62	11	
15	المنافقون	63	11
16	الانسان 76	31	
17	التكوير	81	29
18	الإنفطار	82	19
19	الطارق 86	17	
20	الأعلى 87	19	
21	الضحى 93	11	
22	العلق 96	19	
23	القدر 97	5	
24	العاديات	100	11
25	القارعة	101	11
26	العصر 103	3	
27	الفيل 105	5	
28	الماعون	107	7
29	الكوثر 108	3	
30	النصر 110	3	
31	المسد 111	5	
32	الفلق 113	5	
-----			
Sum	528	2239	1076
-----			

Pattern 129e: Gaps to previous and next prime numbers:

Left-to-Right Chapter Numbers:

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849  
50515253545556575859606162636465666768697071727374757677787980818283848586878889909192939  
49596979899100101102103104105106107108109110111112112959 Previous Prime  
**12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849**  
**50515253545556575859606162636465666768697071727374757677787980818283848586878889909192939**  
**49596979899100101102103104105106107108109110111112113114 Chapter Numbers**  
12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849  
50515253545556575859606162636465666768697071727374757677787980818283848586878889909192939  
49596979899100101102103104105106107108109110111112113211 Next Prime  
Digit Count = 234  
Digit Sum = 975  
Next Prime - Previous Prime = 252

Right-to-Left Chapter Numbers:

11411311211111010910810710610510410310210110099989796959493929190898887868584838281807978  
77767574737271706968676665646362616059585756555453525150494847464544434241403938373635343  
33231302928272625242322212019181716151413121110987653869 Previous Prime  
**11411311211111010910810710610510410310210110099989796959493929190898887868584838281807978**  
**77767574737271706968676665646362616059585756555453525150494847464544434241403938373635343**  
**33231302928272625242322212019181716151413121110987654321 Chapter Numbers**  
11411311211111010910810710610510410310210110099989796959493929190898887868584838281807978  
77767574737271706968676665646362616059585756555453525150494847464544434241403938373635343  
33231302928272625242322212019181716151413121110987654827 Next Prime  
Digit Count = 234  
Digit Sum = 975  
Next Prime - Previous Prime = 958

Left-to-Right Chapter Verses:

72862001761201652067512910912311143529912811111098135112781186477227938869603430735445831  
82887585545389593735382918456049625578962922241314111118121230525244282820564031504046422  
9193625221719263020152111881958811118395473635137 Previous Prime  
**72862001761201652067512910912311143529912811111098135112781186477227938869603430735445831**  
**82887585545389593735382918456049625578962922241314111118121230525244282820564031504046422**  
**9193625221719263020152111881958811118395473635456 Chapter Verses**  
72862001761201652067512910912311143529912811111098135112781186477227938869603430735445831  
82887585545389593735382918456049625578962922241314111118121230525244282820564031504046422  
9193625221719263020152111881958811118395473635539 Next Prime  
Digit Count = 227  
Digit Sum = 908  
Next Prime - Previous Prime = 402

Right-to-Left Chapter Verses:

```

65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111
41324222996785562496045182938353759895354857588182834554733034606988932277764118781121359
8110111128995243111123109129752061651201762002447 Previous Prime
65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111
41324222996785562496045182938353759895354857588182834554733034606988932277764118781121359
8110111128995243111123109129752061651201762002867 Chapter Verses
65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111
41324222996785562496045182938353759895354857588182834554733034606988932277764118781121359
8110111128995243111123109129752061651201762003811 Next Prime
Digit Count = 227
Digit Sum = 908
Next Prime - Previous Prime = 1364

```

Note 1: 1364 = Verses in first 9 chapters of the Quran.

Note 2: There are 18 "9" digits in the concatenated verse numbers  
where  $18 \times 129 = 1364 + 958$

Note 3: 975 = 114 + 861 where the 114th sphenic number = 861  
Sphenic numbers are composites with three distinct factors.

```

Using http://heliwave.com/Composites.zip
How many factors-per-number to find? 3
Duplicate factors, unique, or any (d/u/a)? u
Maximum number to factor? 6236

```

#	N	C	AC	XC	Factors		
1	30	19		8	2	3	5
2	42	28	17		2	3	7
3	66	47	30		2	3	11
4	70	50		18	2	5	7
5	78	56	36		2	3	13
6	102	75		26	2	3	17
7	105	77	50		3	5	7
8	110	80		29	2	5	11
---> 9	114	83	53		2	3	19
10	130	98	62		2	5	13
11	138	104	67		2	3	23
12	154	117	76		2	7	11
13	165	126	82		3	5	11
14	170	130	85		2	5	17
15	174	133	88		2	3	29
16	182	139		47	2	7	13
17	186	143	95		2	3	31
18	190	147	98		2	5	19
19	195	150	101		3	5	13
20	222	174	115		2	3	37
21	230	179		60	2	5	23
22	231	180	120		3	7	11
23	238	186		63	2	7	17
24	246	192	128		2	3	41
25	255	200	133		3	5	17
26	258	202	134		2	3	43
27	266	209	140		2	7	19
28	273	214	144		3	7	13
29	282	221	149		2	3	47
30	285	223	151		3	5	19
31	286	224	152		2	11	13
32	290	228		75	2	5	29
33	310	246	164		2	5	31
34	318	251	169		2	3	53
35	322	255		85	2	7	23
36	345	276	186		3	5	23
37	354	282	191		2	3	59
38	357	285	193		3	7	17
39	366	293	199		2	3	61
40	370	296	201		2	5	37
41	374	299	203		2	11	17

42	385	308	209		5	7	11
43	399	320	217		3	7	19
44	402	322	219		2	3	67
45	406	326	222		2	7	29
46	410	329		106	2	5	41
47	418	337		109	2	11	19
48	426	343	233		2	3	71
49	429	346	235		3	11	13
50	430	347		112	2	5	43
51	434	349		113	2	7	31
52	435	350	237		3	5	29
53	438	353	239		2	3	73
54	442	356	242		2	13	17
55	455	367	250		5	7	13
56	465	374	256		3	5	31
57	470	378		120	2	5	47
58	474	382	261		2	3	79
59	483	390	266		3	7	23
60	494	399		127	2	13	19
61	498	403	275		2	3	83
62	506	409		131	2	11	23
63	518	420	285		2	7	37
64	530	430	292		2	5	53
65	534	434	295		2	3	89
66	555	453	307		3	5	37
67	561	458	310		3	11	17
68	574	468	317		2	7	41
69	582	475	322		2	3	97
70	590	482	327		2	5	59
71	595	486		156	5	7	17
72	598	489	333		2	13	23
73	602	491	335		2	7	43
74	606	495	338		2	3	101
75	609	497	340		3	7	29
76	610	498		158	2	5	61
77	615	502	343		3	5	41
78	618	504	344		2	3	103
79	627	512	350		3	11	19
80	638	522		166	2	11	29
81	642	525	359		2	3	107
82	645	527	361		3	5	43
83	646	528	362		2	17	19
84	651	532	364		3	7	31
85	654	534	365		2	3	109
86	658	538		171	2	7	47
87	663	541	370		3	13	17
88	665	543		172	5	7	19
89	670	548		174	2	5	67
90	678	554	378		2	3	113
91	682	558	382		2	11	31
92	705	578	395		3	5	47
93	710	582	398		2	5	71
94	715	587		186	5	11	13
95	730	600	411		2	5	73
96	741	609	417		3	13	19
97	742	610		193	2	7	53
98	754	620	425		2	13	29
99	759	624	428		3	11	23
100	762	626	429		2	3	127
101	777	639	439		3	7	37
102	782	644		202	2	17	23
103	786	648	445		2	3	131
104	790	651	447		2	5	79
105	795	656	450		3	5	53
106	805	665		208	5	7	23
107	806	666	458		2	13	31
108	814	672		210	2	11	37
109	822	679	468		2	3	137
110	826	682	471		2	7	59
111	830	684		212	2	5	83

112	834	688	475		2	3	139
113	854	706		220	2	7	61
---> 114	861	711	490		3	7	41
115	874	723		225	2	19	23
116	885	731	505		3	5	59
117	890	735		227	2	5	89
118	894	739	511		2	3	149
119	897	742	513		3	13	23
120	902	747		230	2	11	41
121	903	748	518		3	7	43
122	906	751	520		2	3	151
123	915	758	525		3	5	61
124	935	776		240	5	11	17
125	938	778	538		2	7	67
126	942	781	540		2	3	157
127	946	785		243	2	11	43
128	957	794	550		3	11	29
129	962	799		246	2	13	37
130	969	805	557		3	17	19
131	970	806	558		2	5	97
132	978	812	563		2	3	163
133	986	819		252	2	17	29
134	987	820	568		3	7	47
135	994	826	574		2	7	71
136	1001	832		255	7	11	13
137	1002	833		256	2	3	167
138	1005	836	579		3	5	67
139	1010	840		259	2	5	101
140	1015	844		261	5	7	29
141	1022	849		263	2	7	73
142	1023	850	587		3	11	31
143	1030	857	592		2	5	103
144	1034	859	594		2	11	47
145	1038	863	597		2	3	173
146	1045	869	601		5	11	19
147	1054	876	606		2	17	31
148	1065	885	611		3	5	71
149	1066	886		275	2	13	41
150	1070	889	614		2	5	107
151	1074	893	617		2	3	179
152	1085	904	624		5	7	31
153	1086	905	625		2	3	181
154	1090	908	627		2	5	109
155	1095	911	630		3	5	73
156	1102	917	633		2	19	29
157	1105	919		285	5	13	17
158	1106	920	635		2	7	79
159	1113	926	639		3	7	53
160	1118	930		289	2	13	43
161	1130	940		292	2	5	113
162	1131	941	649		3	13	29
163	1146	956	659		2	3	191
164	1158	966	665		2	3	193
165	1162	970	669		2	7	83
166	1166	973	671		2	11	53
167	1173	979	675		3	17	23
168	1178	984		306	2	19	31
169	1182	987	681		2	3	197
170	1185	990	683		3	5	79
171	1194	997	687		2	3	199
172	1209	1011	695		3	13	31
173	1221	1021	702		3	11	37
174	1222	1022		320	2	13	47
175	1235	1032		323	5	13	19
176	1239	1035	712		3	7	59
177	1245	1041	716		3	5	83
178	1246	1042		326	2	7	89
179	1258	1053	725		2	17	37
180	1265	1059	729		5	11	23
181	1266	1060	730		2	3	211

182	1270	1064	733		2	5	127
183	1281	1073	739		3	7	61
184	1295	1084		338	5	7	37
185	1298	1086	748		2	11	59
186	1309	1094		339	7	11	17
187	1310	1095		340	2	5	131
188	1311	1096	756		3	19	23
189	1334	1116		346	2	23	29
190	1335	1117	771		3	5	89
191	1338	1120	773		2	3	223
192	1342	1124	777		2	11	61
193	1353	1135	784		3	11	41
194	1358	1140		353	2	7	97
195	1362	1143	790		2	3	227
196	1370	1150		356	2	5	137
197	1374	1153	796		2	3	229
198	1378	1157		359	2	13	53
199	1390	1168		362	2	5	139
200	1394	1172		363	2	17	41
201	1398	1176	812		2	3	233
202	1406	1183		367	2	19	37
203	1407	1184	817		3	7	67
204	1414	1190	821		2	7	101
205	1419	1195	824		3	11	43
206	1426	1201		374	2	23	31
207	1434	1206	832		2	3	239
208	1435	1207		375	5	7	41
209	1442	1213		376	2	7	103
210	1443	1214	838		3	13	37
211	1446	1217	840		2	3	241
212	1455	1223	845		3	5	97
213	1462	1229		381	2	17	43
214	1463	1230	849		7	11	19
215	1474	1240	857		2	11	67
216	1479	1245	860		3	17	29
217	1490	1252	864		2	5	149
218	1491	1253	865		3	7	71
219	1495	1256		389	5	13	23
220	1498	1259	870		2	7	107
221	1505	1265		391	5	7	43
222	1506	1266	875		2	3	251
223	1510	1270		393	2	5	151
224	1515	1274	880		3	5	101
225	1526	1284	888		2	7	109
226	1533	1290	892		3	7	73
227	1534	1291		399	2	13	59
228	1542	1299	898		2	3	257
229	1545	1301	900		3	5	103
230	1547	1303		402	7	13	17
231	1551	1306	903		3	11	47
232	1558	1312		406	2	19	41
233	1562	1315	908		2	11	71
234	1570	1322		409	2	5	157
235	1578	1329	918		2	3	263
236	1581	1331	920		3	17	31
237	1582	1332	921		2	7	113
238	1586	1335	923		2	13	61
239	1595	1344	929		5	11	29
240	1598	1346		416	2	17	47
241	1599	1347	931		3	13	41
242	1605	1352	934		3	5	107
243	1606	1353		419	2	11	73
244	1614	1358	939		2	3	269
245	1615	1359		420	5	17	19
246	1626	1368	946		2	3	271
247	1630	1371	948		2	5	163
248	1634	1375	950		2	19	43
249	1635	1376	951		3	5	109
250	1645	1385	957		5	7	47
251	1653	1393	962		3	19	29

252	1659	1398	966		3	7	79	
253	1662	1401	968		2	3	277	
254	1670	1406	971		2	5	167	
255	1677	1413	976		3	13	43	
256	1686	1422	982		2	3	281	
257	1695	1430	988		3	5	113	
258	1698	1432	990		2	3	283	
259	1702	1435	993		2	23	37	
260	1705	1438		444	5	11	31	
261	1729	1459		449	7	13	19	
262	1730	1460		450	2	5	173	
263	1738	1467		453	2	11	79	
264	1742	1470	1017		2	13	67	
265	1743	1471	1018		3	7	83	
266	1749	1476	1022		3	11	53	
267	1758	1484	1027		2	3	293	
268	1767	1492	1033		3	19	31	
269	1771	1496	1036		7	11	23	
270	1778	1502		463	2	7	127	
271	1786	1509	1045		2	19	47	
272	1790	1511		465	2	5	179	
273	1798	1519	1052		2	29	31	
274	1802	1522		468	2	17	53	
275	1810	1530	1060		2	5	181	
276	1826	1544		476	2	11	83	
277	1833	1550	1073		3	13	47	
278	1834	1551	1074		2	7	131	
279	1842	1559	1079		2	3	307	
280	1846	1563		482	2	13	71	
281	1855	1571		484	5	7	53	
282	1866	1581	1094		2	3	311	
283	1869	1583	1095		3	7	89	
284	1878	1589	1101		2	3	313	
285	1885	1595	1105		5	13	29	
286	1886	1596		491	2	23	41	
287	1887	1597	1106		3	17	37	
288	1898	1607	1114		2	13	73	
289	1902	1610	1117		2	3	317	
290	1905	1613	1119		3	5	127	
291	1910	1617		496	2	5	191	
292	1918	1624		499	2	7	137	
293	1930	1636		503	2	5	193	
294	1946	1650	1143		2	7	139	
295	1947	1651	1144		3	11	59	
296	1955	1657	1148		5	17	23	
297	1958	1660		510	2	11	89	
298	1965	1667	1155		3	5	131	
299	1970	1672		514	2	5	197	
300	1978	1679	1163		2	23	43	
301	1986	1686	1168		2	3	331	
302	1990	1689		519	2	5	199	
303	2001	1697		522	3	23	29	
304	2006	1701	1178		2	17	59	
305	2013	1707	1181		3	11	61	
306	2014	1708		527	2	19	53	
307	2015	1709	1182		5	13	31	
308	2022	1715	1186		2	3	337	
309	2035	1726	1194		5	11	37	
310	2037	1728	1195		3	7	97	
311	2054	1743		539	2	13	79	
312	2055	1744	1205		3	5	137	
313	2065	1753		541	5	7	59	
314	2067	1755	1214		3	13	53	
315	2074	1761		543	2	17	61	
316	2082	1768	1224		2	3	347	
317	2085	1770	1226		3	5	139	
318	2086	1771	1227		2	7	149	
---> 319	2091	1774	1229		3	17	41	[pattern 319k note 1]
320	2093	1776	1230		7	13	23	
321	2094	1777	1231		2	3	349	

322	2109	1791	1239		3	19	37
323	2110	1792	1240		2	5	211
324	2114	1794	1242		2	7	151
325	2118	1798	1245		2	3	353
326	2121	1801	1246		3	7	101
327	2134	1812	1254		2	11	97
328	2135	1813		559	5	7	61
329	2139	1816	1257		3	23	31
330	2146	1821		562	2	29	37
331	2154	1828	1266		2	3	359
332	2158	1832	1269		2	13	83
333	2162	1835		565	2	23	47
334	2163	1836	1271		3	7	103
335	2185	1857	1285		5	19	23
336	2193	1865	1290		3	17	43
337	2198	1870	1293		2	7	157
338	2202	1874	1296		2	3	367
339	2211	1881	1301		3	11	67
340	2222	1890	1307		2	11	101
341	2230	1898		586	2	5	223
342	2233	1901	1315		7	11	29
343	2235	1903	1316		3	5	149
344	2238	1905	1317		2	3	373
345	2242	1908	1320		2	19	59
346	2247	1912	1323		3	7	107
347	2255	1919	1327		5	11	41
348	2261	1925		594	7	17	19
349	2265	1929	1334		3	5	151
350	2266	1930	1335		2	11	103
351	2270	1932		596	2	5	227
352	2274	1935	1338		2	3	379
353	2278	1939		599	2	17	67
354	2282	1942	1343		2	7	163
355	2289	1948	1348		3	7	109
356	2290	1949		601	2	5	229
357	2294	1952		602	2	31	37
358	2298	1955	1352		2	3	383
359	2301	1958	1354		3	13	59
360	2314	1969	1362		2	13	89
361	2318	1973	1364		2	19	61
362	2330	1985	1373		2	5	233
363	2334	1988	1376		2	3	389
364	2337	1991	1378		3	19	41
365	2338	1992	1379		2	7	167
366	2343	1995	1381		3	11	71
367	2345	1997	1382		5	7	67
368	2354	2004	1387		2	11	107
369	2355	2005	1388		3	5	157
370	2365	2014	1394		5	11	43
371	2373	2021	1399		3	7	113
372	2378	2025	1402		2	29	41
373	2379	2026	1403		3	13	61
374	2382	2028	1404		2	3	397
375	2387	2032	1406		7	11	31
376	2390	2034	1408		2	5	239
377	2397	2040	1413		3	17	47
378	2398	2041	1414		2	11	109
379	2405	2047		629	5	13	37
380	2406	2048	1419		2	3	401
381	2409	2051	1421		3	11	73
382	2410	2052		631	2	5	241
383	2414	2055		632	2	17	71
384	2422	2062	1429		2	7	173
385	2431	2070	1435		11	13	17
386	2438	2076		638	2	23	53
387	2445	2082	1443		3	5	163
388	2451	2087	1446		3	19	43
389	2454	2090	1448		2	3	409
390	2465	2100		646	5	17	29
391	2482	2114	1465		2	17	73

392	2485	2117		651	5	7	71
393	2486	2118	1467		2	11	113
394	2494	2126		654	2	29	43
395	2505	2136	1479		3	5	167
396	2506	2137		658	2	7	179
397	2510	2141	1483		2	5	251
398	2514	2145	1486		2	3	419
399	2522	2152		662	2	13	97
400	2526	2156	1493		2	3	421
401	2534	2163	1498		2	7	181
402	2542	2170		668	2	31	41
403	2546	2173		669	2	19	67
404	2553	2178	1508		3	23	37
405	2555	2180		671	5	7	73
406	2570	2194	1520		2	5	257
407	2585	2208	1530		5	11	47
408	2586	2209	1531		2	3	431
409	2595	2216	1537		3	5	173
410	2598	2219	1539		2	3	433
411	2607	2228	1546		3	11	79
412	2613	2233	1550		3	13	67
413	2626	2244	1558		2	13	101
414	2630	2248		689	2	5	263
415	2634	2251	1561		2	3	439
416	2635	2252	1562		5	17	31
417	2639	2256	1564		7	13	29
418	2658	2273	1576		2	3	443
419	2665	2278		698	5	13	41
420	2666	2279	1581		2	31	43
421	2667	2280	1582		3	7	127
422	2674	2286		701	2	7	191
423	2678	2289		702	2	13	103
424	2679	2290	1588		3	19	47
425	2685	2295	1592		3	5	179
426	2686	2296	1593		2	17	79
427	2690	2298		704	2	5	269
428	2694	2301	1596		2	3	449
429	2697	2304	1598		3	29	31
430	2698	2305	1599		2	19	71
431	2702	2308		707	2	7	193
432	2703	2309	1602		3	17	53
433	2710	2315	1606		2	5	271
434	2714	2317	1608		2	23	59
435	2715	2318	1609		3	5	181
436	2717	2320		710	11	13	19
437	2726	2328		713	2	29	47
438	2737	2337		716	7	17	23
439	2739	2339	1623		3	11	83
440	2742	2341	1624		2	3	457
441	2751	2349	1630		3	7	131
442	2755	2352		720	5	19	29
443	2758	2355	1635		2	7	197
444	2765	2362	1639		5	7	79
445	2766	2363	1640		2	3	461
446	2769	2365	1641		3	13	71
447	2770	2366	1642		2	5	277
448	2774	2370	1644		2	19	73
449	2778	2373	1647		2	3	463
450	2782	2377		728	2	13	107
451	2786	2381		729	2	7	199
452	2794	2387	1658		2	11	127
453	2795	2388		730	5	13	43
454	2802	2393	1663		2	3	467
455	2806	2396	1666		2	23	61
456	2810	2400		733	2	5	281
457	2821	2410		737	7	13	31
458	2822	2411	1674		2	17	83
459	2829	2418	1679		3	23	41
460	2830	2419		740	2	5	283
461	2834	2422		741	2	13	109



462	2847	2433	1690		3	13	73
463	2849	2435		744	7	11	37
464	2865	2448	1700		3	5	191
465	2874	2457	1706		2	3	479
466	2877	2460	1708		3	7	137
467	2882	2464	1711		2	11	131
468	2895	2476	1720		3	5	193
469	2905	2484	1726		5	7	83
470	2914	2492	1731		2	31	47
471	2915	2493		762	5	11	53
472	2919	2496	1734		3	7	139
473	2922	2499	1736		2	3	487
474	2930	2506	1741		2	5	293
475	2937	2513	1746		3	11	89
476	2938	2514	1747		2	13	113
477	2945	2520	1751		5	19	31
478	2946	2521	1752		2	3	491
479	2954	2528	1757		2	7	211
480	2955	2529	1758		3	5	197
481	2967	2539	1765		3	23	43
482	2985	2555	1778		3	5	199
483	2994	2564	1786		2	3	499
484	3002	2570		780	2	19	79
485	3009	2577	1795		3	17	59
486	3014	2581	1798		2	11	137
487	3018	2585	1801		2	3	503
488	3021	2587	1802		3	19	53
489	3026	2591		787	2	17	89
490	3034	2599	1810		2	37	41
491	3054	2616	1822		2	3	509
492	3055	2617		795	5	13	47
493	3058	2620	1825		2	11	139
494	3059	2621		796	7	19	23
495	3070	2630	1831		2	5	307
496	3074	2634	1833		2	29	53
497	3081	2640	1837		3	13	79
498	3082	2641		804	2	23	67
499	3110	2666		813	2	5	311
500	3111	2667	1854		3	17	61
501	3115	2671	1857		5	7	89
502	3122	2676	1860		2	7	223
503	3126	2680	1863		2	3	521
504	3129	2683	1865		3	7	149
505	3130	2684		819	2	5	313
506	3138	2691	1870		2	3	523
507	3145	2698		823	5	17	37
508	3154	2707		826	2	19	83
509	3157	2710	1884		7	11	41
510	3165	2717	1889		3	5	211
511	3170	2720		829	2	5	317
512	3171	2721	1892		3	7	151
513	3178	2728		832	2	7	227
514	3182	2731	1899		2	37	43
515	3201	2748	1911		3	11	97
516	3206	2752		839	2	7	229
517	3219	2763	1921		3	29	37
518	3237	2779	1932		3	13	83
519	3243	2785	1936		3	23	47
520	3245	2787	1937		5	11	59
521	3246	2788	1938		2	3	541
522	3262	2800		853	2	7	233
523	3266	2804		854	2	23	71
524	3278	2815	1958		2	11	149
525	3282	2819	1961		2	3	547
526	3286	2823		860	2	31	53
527	3289	2826	1966		11	13	23
528	3297	2834	1972		3	7	157
529	3298	2835	1973		2	17	97
530	3302	2837	1975		2	13	127
531	3310	2844		864	2	5	331

532	3311	2845	1981		7	11	43
533	3322	2854	1988		2	11	151
534	3333	2862	1994		3	11	101
535	3335	2864	1995		5	23	29
536	3342	2871	2000		2	3	557
537	3345	2873	2002		3	5	223
538	3346	2874	2003		2	7	239
539	3355	2882	2008		5	11	61
540	3358	2885		876	2	23	73
541	3363	2888	2012		3	19	59
542	3367	2892		878	7	13	37
543	3370	2895		879	2	5	337
544	3374	2897		880	2	7	241
545	3378	2901	2020		2	3	563
546	3382	2905	2024		2	19	89
547	3395	2916	2031		5	7	97
548	3399	2920	2034		3	11	103
549	3405	2926	2038		3	5	227
550	3406	2927		889	2	13	131
551	3414	2933	2044		2	3	569
552	3417	2936	2046		3	17	67
553	3422	2941		892	2	29	59
554	3423	2942	2050		3	7	163
555	3426	2945	2052		2	3	571
556	3434	2952	2057		2	17	101
557	3435	2953	2058		3	5	229
558	3441	2959	2061		3	31	37
559	3445	2963	2064		5	13	53
560	3451	2968		902	7	17	29
561	3454	2971	2069		2	11	157
562	3462	2977	2073		2	3	577
563	3470	2982	2076		2	5	347
564	3471	2983	2077		3	13	89
565	3477	2989	2081		3	19	61
566	3478	2990	2082		2	37	47
567	3485	2997	2086		5	17	41
568	3490	3002	2090		2	5	349
569	3495	3006	2093		3	5	233
570	3502	3012	2098		2	17	103
571	3507	3017	2101		3	7	167
572	3514	3023		919	2	7	251
573	3515	3024	2105		5	19	37
574	3522	3030	2109		2	3	587
575	3526	3034	2112		2	41	43
576	3530	3036		923	2	5	353
577	3531	3037	2114		3	11	107
578	3535	3040	2116		5	7	101
579	3538	3043		926	2	29	61
580	3553	3055	2127		11	17	19
581	3558	3059	2129		2	3	593
582	3562	3062	2132		2	13	137
583	3565	3065		932	5	23	31
584	3567	3067	2135		3	29	41
585	3585	3082	2146		3	5	239
586	3586	3083	2147		2	11	163
587	3590	3087		938	2	5	359
588	3594	3090	2151		2	3	599
589	3597	3093	2153		3	11	109
590	3598	3094	2154		2	7	257
591	3605	3101	2159		5	7	103
592	3606	3102	2160		2	3	601
593	3614	3108	2164		2	13	139
594	3615	3109	2165		3	5	241
595	3619	3112		945	7	11	47
596	3621	3114	2168		3	17	71
597	3633	3124	2175		3	7	173
598	3634	3125	2176		2	23	79
599	3638	3128	2178		2	17	107
600	3642	3132	2181		2	3	607
601	3655	3144		955	5	17	43

602	3657	3146	2191		3	23	53
603	3658	3147	2192		2	31	59
604	3670	3158	2200		2	5	367
605	3674	3160	2202		2	11	167
606	3678	3163	2205		2	3	613
607	3682	3167		960	2	7	263
608	3685	3170	2210		5	11	67
609	3686	3171		961	2	19	97
610	3689	3174	2213		7	17	31
611	3702	3184	2222		2	3	617
612	3706	3188	2225		2	17	109
613	3714	3195	2229		2	3	619
614	3723	3203	2234		3	17	73
615	3729	3208	2238		3	11	113
616	3730	3209		971	2	5	373
617	3731	3210	2239		7	13	41
618	3741	3218	2245		3	29	43
---> 619	3745	3222		975	5	7	107
620	3759	3236	2257		3	7	179
621	3765	3241	2261		3	5	251
622	3766	3242	2262		2	7	269
623	3782	3255	2271		2	31	61
624	3783	3256	2272		3	13	97
625	3786	3259	2274		2	3	631
626	3790	3263		986	2	5	379
627	3794	3266		987	2	7	271
628	3801	3272	2284		3	7	181
629	3806	3276		990	2	11	173
630	3813	3283	2291		3	31	41
631	3815	3285		993	5	7	109
632	3818	3288	2294		2	23	83
633	3819	3289	2295		3	19	67
634	3830	3298	2301		2	5	383
635	3835	3302		998	5	13	59
636	3838	3305	2307		2	19	101
637	3842	3309		1000	2	17	113
638	3846	3313	2312		2	3	641
639	3854	3318	2316		2	41	47
640	3855	3319	2317		3	5	257
641	3857	3321		1003	7	19	29
642	3858	3322	2319		2	3	643
643	3874	3337	2330		2	13	149
644	3878	3340	2332		2	7	277
645	3882	3343	2334		2	3	647
646	3886	3347	2337		2	29	67
647	3890	3350	2340		2	5	389
648	3895	3355	2344		5	19	41
649	3905	3365		1014	5	11	71
650	3913	3371	2356		7	13	43
651	3914	3372		1016	2	19	103
652	3918	3375	2358		2	3	653
653	3922	3378	2361		2	37	53
654	3926	3381	2363		2	13	151
655	3934	3387		1020	2	7	281
656	3938	3391		1021	2	11	179
657	3939	3392	2371		3	13	101
658	3945	3397	2375		3	5	263
659	3954	3405	2381		2	3	659
660	3955	3406	2382		5	7	113
661	3962	3413	2387		2	7	283
662	3965	3416		1027	5	13	61
663	3966	3417	2390		2	3	661
664	3970	3420		1028	2	5	397
665	3982	3432	2403		2	11	181
666	3995	3444	2413		5	17	47
667	3999	3448	2416		3	31	43
668	4010	3456		1034	2	5	401
669	4011	3457	2423		3	7	191
670	4015	3460	2425		5	11	73
671	4017	3462	2426		3	13	103

672	4029	3471	2433		3	17	79
673	4035	3477	2437		3	5	269
674	4038	3480	2439		2	3	673
675	4042	3484	2443		2	43	47
676	4047	3489	2446		3	19	71
677	4053	3493	2449		3	7	193
678	4062	3501	2454		2	3	677
679	4065	3504	2456		3	5	271
680	4066	3505	2457		2	19	107
681	4071	3510	2459		3	23	59
682	4081	3518		1055	7	11	53
683	4082	3519	2464		2	13	157
684	4085	3522		1056	5	19	43
685	4089	3526	2469		3	29	47
686	4090	3527		1058	2	5	409
687	4094	3529		1059	2	23	89
688	4098	3533	2473		2	3	683
689	4102	3536		1062	2	7	293
690	4118	3551	2485		2	29	71
691	4123	3556	2489		7	19	31
692	4137	3567	2497		3	7	197
693	4142	3571		1071	2	19	109
694	4146	3575	2503		2	3	691
695	4147	3576	2504		11	13	29
696	4154	3582	2508		2	31	67
697	4155	3583	2509		3	5	277
698	4161	3587	2512		3	19	73
699	4173	3599	2520		3	13	107
700	4179	3604	2524		3	7	199
701	4190	3615	2532		2	5	419
702	4191	3616	2533		3	11	127
703	4199	3624		1086	13	17	19
704	4202	3626	2540		2	11	191
705	4206	3630	2543		2	3	701
706	4209	3633	2545		3	23	61
707	4210	3634		1089	2	5	421
708	4215	3638	2548		3	5	281
709	4233	3652	2558		3	17	83
710	4234	3653		1095	2	29	73
711	4238	3657		1096	2	13	163
712	4245	3662	2566		3	5	283
713	4246	3663	2567		2	11	193
714	4251	3668	2569		3	13	109
715	4254	3670	2570		2	3	709
716	4255	3671	2571		5	23	37
717	4277	3689	2582		7	13	47
718	4294	3704		1110	2	19	113
719	4298	3707		1111	2	7	307
720	4301	3710	2598		11	17	23
721	4310	3719	2605		2	5	431
722	4314	3723	2608		2	3	719
723	4318	3727	2611		2	17	127
724	4323	3732	2614		3	11	131
725	4330	3738	2618		2	5	433
726	4334	3742	2620		2	11	197
727	4342	3748		1124	2	13	167
728	4345	3751	2627		5	11	79
729	4346	3752		1125	2	41	53
730	4354	3759	2632		2	7	311
731	4355	3760		1128	5	13	67
732	4362	3766	2637		2	3	727
733	4366	3769		1131	2	37	59
734	4371	3774	2643		3	31	47
735	4378	3780	2648		2	11	199
736	4382	3784		1134	2	7	313
737	4390	3792	2656		2	5	439
738	4395	3796	2659		3	5	293
739	4398	3798	2661		2	3	733
740	4402	3802	2665		2	31	71
741	4403	3803		1138	7	17	37

742	4407	3807	2668		3	13	113
743	4430	3827		1145	2	5	443
744	4431	3828	2683		3	7	211
745	4433	3830	2684		11	13	31
746	4434	3831	2685		2	3	739
747	4438	3835		1148	2	7	317
748	4445	3841		1149	5	7	127
749	4454	3848		1151	2	17	131
750	4458	3851	2699		2	3	743
751	4462	3855	2703		2	23	97
752	4465	3857		1153	5	19	47
753	4490	3880		1159	2	5	449
754	4495	3884	2724		5	29	31
755	4498	3887	2726		2	13	173
756	4503	3892	2730		3	19	79
757	4505	3894	2731		5	17	53
758	4506	3895	2732		2	3	751
759	4514	3901	2736		2	37	61
760	4521	3906	2740		3	11	137
761	4526	3910		1168	2	31	73
762	4539	3923	2751		3	17	89
763	4542	3926	2753		2	3	757
764	4543	3927	2754		7	11	59
765	4551	3933	2758		3	37	41
766	4558	3940	2763		2	43	53
767	4565	3946	2766		5	11	83
768	4566	3947	2767		2	3	761
769	4570	3950	2769		2	5	457
770	4582	3962		1186	2	29	79
771	4585	3964	2778		5	7	131
772	4587	3966	2779		3	11	139
773	4605	3981	2792		3	5	307
774	4610	3986		1192	2	5	461
775	4611	3987	2795		3	29	53
776	4614	3990	2797		2	3	769
777	4615	3991	2798		5	13	71
778	4623	3998	2803		3	23	67
779	4630	4005		1198	2	5	463
780	4634	4009		1199	2	7	331
781	4638	4012	2812		2	3	773
782	4642	4015	2815		2	11	211
783	4646	4018	2817		2	23	101
784	4654	4024		1203	2	13	179
785	4658	4027		1204	2	17	137
786	4665	4033	2828		3	5	311
787	4669	4037	2831		7	23	29
788	4670	4038		1207	2	5	467
789	4683	4049	2839		3	7	223
790	4695	4060	2847		3	5	313
791	4697	4062	2849		7	11	61
792	4706	4070		1216	2	13	181
793	4715	4079		1219	5	23	41
794	4718	4082	2862		2	7	337
795	4722	4085	2864		2	3	787
796	4726	4088		1223	2	17	139
797	4731	4092	2869		3	19	83
798	4738	4098	2874		2	23	103
799	4745	4105	2878		5	13	73
800	4755	4114	2885		3	5	317
801	4767	4125	2892		3	7	227
802	4773	4131	2897		3	37	43
803	4782	4140	2904		2	3	797
804	4790	4145	2908		2	5	479
805	4795	4149	2912		5	7	137
806	4807	4159		1239	11	19	23
807	4809	4161	2922		3	7	229
808	4814	4165		1241	2	29	83
809	4823	4173		1243	7	13	53
810	4826	4176	2932		2	19	127
811	4838	4187		1248	2	41	59

812	4854	4203	2950		2	3	809
813	4858	4207	2953		2	7	347
814	4865	4213		1255	5	7	139
815	4866	4214	2959		2	3	811
816	4870	4218		1256	2	5	487
817	4879	4225	2968		7	17	41
818	4886	4232	2974		2	7	349
819	4893	4238	2979		3	7	233
820	4895	4240	2981		5	11	89
821	4898	4243		1260	2	31	79
822	4899	4244	2984		3	23	71
823	4906	4250		1263	2	11	223
824	4910	4253	2990		2	5	491
825	4917	4260	2995		3	11	149
826	4921	4263	2998		7	19	37
827	4922	4264		1266	2	23	107
828	4926	4268	3001		2	3	821
829	4929	4271	3003		3	31	53
830	4938	4277	3009		2	3	823
831	4942	4281		1270	2	7	353
832	4945	4283	3013		5	23	43
833	4947	4285	3014		3	17	97
834	4953	4290	3019		3	13	127
835	4958	4294	3022		2	37	67
836	4962	4298	3025		2	3	827
837	4965	4301	3027		3	5	331
838	4966	4302	3028		2	13	191
839	4974	4307	3033		2	3	829
840	4978	4311	3037		2	19	131
841	4982	4315		1276	2	47	53
842	4983	4316	3040		3	11	151
843	4990	4322	3045		2	5	499
844	4991	4323		1278	7	23	31
845	4994	4325	3047		2	11	227
846	5002	4332		1281	2	41	61
847	5014	4341	3058		2	23	109
848	5015	4342		1284	5	17	59
849	5018	4345	3060		2	13	193
850	5019	4346	3061		3	7	239
851	5026	4351		1288	2	7	359
852	5030	4355	3067		2	5	503
853	5034	4359	3070		2	3	839
854	5035	4360		1290	5	19	53
855	5037	4362	3072		3	23	73
856	5038	4363	3073		2	11	229
857	5055	4378	3084		3	5	337
858	5061	4383	3087		3	7	241
859	5066	4388		1298	2	17	149
860	5073	4395	3095		3	19	89
861	5074	4396	3096		2	43	59
862	5083	4403	3101		13	17	23
863	5090	4409	3105		2	5	509
864	5109	4425	3118		3	13	131
865	5117	4432	3122		7	17	43
866	5118	4433	3123		2	3	853
867	5122	4436	3126		2	13	197
868	5126	4440	3128		2	11	233
869	5133	4447	3133		3	29	59
870	5134	4448		1315	2	17	151
871	5135	4449	3134		5	13	79
872	5138	4452		1316	2	7	367
873	5142	4456	3139		2	3	857
874	5146	4460	3142		2	31	83
875	5151	4464	3144		3	17	101
876	5154	4466	3145		2	3	859
877	5159	4471	3148		7	11	67
878	5162	4474	3150		2	29	89
879	5174	4484		1327	2	13	199
880	5178	4488	3160		2	3	863
881	5181	4490	3162		3	11	157

882	5185	4494		1330	5	17	61
883	5198	4505		1333	2	23	113
884	5205	4512	3177		3	5	347
885	5206	4513		1336	2	19	137
886	5210	4516	3180		2	5	521
887	5215	4521		1338	5	7	149
888	5217	4523	3185		3	37	47
889	5222	4528		1340	2	7	373
890	5230	4535	3193		2	5	523
891	5235	4538	3196		3	5	349
892	5246	4548		1346	2	43	61
893	5253	4555	3207		3	17	103
894	5254	4556	3208		2	37	71
895	5258	4560	3210		2	11	239
896	5262	4563	3212		2	3	877
897	5271	4572	3219		3	7	251
898	5282	4580		1355	2	19	139
899	5285	4583	3227		5	7	151
900	5286	4584	3228		2	3	881
901	5289	4587	3230		3	41	43
902	5291	4589		1358	11	13	37
903	5295	4593	3234		3	5	353
904	5298	4595	3236		2	3	883
905	5302	4599	3240		2	11	241
906	5306	4602	3242		2	7	379
907	5307	4603	3243		3	29	61
908	5322	4617	3253		2	3	887
909	5335	4628	3260		5	11	97
910	5338	4631		1370	2	17	157
911	5343	4636	3265		3	13	137
912	5362	4653	3278		2	7	383
913	5365	4656		1377	5	29	37
914	5369	4660		1378	7	13	59
915	5379	4670	3289		3	11	163
916	5385	4675	3293		3	5	359
917	5395	4683	3299		5	13	83
918	5397	4685	3300		3	7	257
919	5402	4689		1386	2	37	73
920	5405	4692	3305		5	23	47
921	5410	4696	3308		2	5	541
922	5421	4704	3314		3	13	139
923	5423	4706	3315		11	17	29
924	5442	4722	3327		2	3	907
925	5446	4725		1397	2	7	389
926	5451	4729	3332		3	23	79
927	5453	4731		1398	7	19	41
928	5457	4735	3336		3	17	107
929	5466	4744	3342		2	3	911
930	5467	4745	3343		7	11	71
931	5470	4748	3345		2	5	547
932	5486	4760		1407	2	13	211
933	5487	4761	3354		3	31	59
934	5494	4768	3360		2	41	67
935	5495	4769		1409	5	7	157
936	5505	4777	3368		3	5	367
937	5511	4782	3371		3	11	167
938	5514	4785	3373		2	3	919
939	5518	4789		1414	2	31	89
940	5522	4791	3377		2	11	251
941	5523	4792	3378		3	7	263
942	5529	4797	3382		3	19	97
943	5542	4809	3391		2	17	163
944	5546	4813	3393		2	47	59
945	5551	4818	3397		7	13	61
946	5555	4822	3399		5	11	101
947	5558	4824		1424	2	7	397
948	5559	4825	3401		3	17	109
949	5570	4834		1427	2	5	557
950	5574	4837	3409		2	3	929
951	5593	4854	3423		7	17	47

952	5595	4856	3424		3	5	373
953	5605	4866	3432		5	19	59
954	5614	4875	3438		2	7	401
955	5621	4882	3442		7	11	73
956	5622	4883	3443		2	3	937
957	5626	4886		1442	2	29	97
958	5630	4890	3448		2	5	563
959	5646	4904	3458		2	3	941
960	5649	4906	3459		3	7	269
961	5654	4909	3462		2	11	257
962	5662	4915		1449	2	19	149
963	5665	4918	3469		5	11	103
964	5673	4925	3474		3	31	61
965	5678	4930	3478		2	17	167
966	5681	4933	3480		13	19	23
967	5682	4934	3481		2	3	947
968	5685	4936	3482		3	5	379
969	5690	4940	3486		2	5	569
970	5691	4941	3487		3	7	271
971	5695	4944	3490		5	17	67
972	5705	4953		1456	5	7	163
973	5709	4957	3500		3	11	173
974	5710	4958		1458	2	5	571
975	5718	4964	3504		2	3	953
976	5719	4965	3505		7	19	43
977	5726	4972	3510		2	7	409
978	5727	4973	3511		3	23	83
979	5734	4980		1465	2	47	61
980	5735	4981	3516		5	31	37
981	5738	4983		1466	2	19	151
982	5745	4988	3522		3	5	383
983	5757	4999	3529		3	19	101
984	5762	5004	3533		2	43	67
985	5763	5005	3534		3	17	113
986	5770	5012		1473	2	5	577
987	5781	5022	3548		3	41	47
988	5785	5025	3551		5	13	89
989	5786	5026	3552		2	11	263
990	5795	5034	3558		5	19	61
991	5797	5036	3560		11	17	31
992	5798	5037		1477	2	13	223
993	5802	5040	3562		2	3	967
994	5811	5048	3568		3	13	149
995	5817	5053	3572		3	7	277
996	5822	5057		1483	2	41	71
997	5826	5061	3577		2	3	971
998	5829	5063	3578		3	29	67
999	5835	5069	3582		3	5	389
1000	5842	5075		1490	2	23	127
1001	5845	5077	3587		5	7	167
1002	5846	5078		1491	2	37	79
1003	5858	5087	3595		2	29	101
1004	5862	5090	3597		2	3	977
1005	5863	5091	3598		11	13	41
1006	5866	5094	3600		2	7	419
1007	5870	5096	3602		2	5	587
1008	5871	5097	3603		3	19	103
1009	5882	5106		1496	2	17	173
1010	5883	5107	3611		3	37	53
1011	5885	5109	3613		5	11	107
1012	5889	5113	3616		3	13	151
1013	5894	5118	3620		2	7	421
1014	5898	5121	3623		2	3	983
1015	5901	5124	3625		3	7	281
1016	5902	5125	3626		2	13	227
1017	5907	5129	3629		3	11	179
1018	5918	5140		1504	2	11	269
1019	5930	5150		1506	2	5	593
1020	5943	5162	3653		3	7	283
1021	5945	5164		1510	5	29	41



1022	5946	5165	3655		2	3	991	
1023	5954	5172		1512	2	13	229	
1024	5955	5173	3661		3	5	397	
1025	5957	5175	3663		7	23	37	
1026	5962	5180	3668		2	11	271	
1027	5966	5184	3671		2	19	157	
1028	5973	5191	3676		3	11	181	
1029	5974	5192	3677		2	29	103	
1030	5982	5199	3683		2	3	997	
1031	5986	5203	3687		2	41	73	
1032	5990	5206		1518	2	5	599	
1033	5995	5211	3693		5	11	109	
1034	6010	5225		1523	2	5	601	
1035	6014	5228		1524	2	31	97	
1036	6015	5229	3705		3	5	401	
1037	6026	5240	3713		2	23	131	
1038	6034	5247		1529	2	7	431	
1039	6035	5248	3719		5	17	71	
1040	6054	5263	3729		2	3	1009	
1041	6055	5264	3730		5	7	173	
1042	6058	5267		1536	2	13	233	
1043	6061	5270		1537	11	19	29	
1044	6062	5271	3734		2	7	433	
1045	6063	5272	3735		3	43	47	
1046	6070	5278		1539	2	5	607	
1047	6078	5285	3744		2	3	1013	
1048	6083	5289		1542	7	11	79	
1049	6086	5292	3749		2	17	179	
1050	6094	5298		1545	2	11	277	
1051	6095	5299	3754		5	23	53	
1052	6097	5301	3756		7	13	67	
1053	6099	5303	3757		3	19	107	
1054	6106	5309		1549	2	43	71	
1055	6114	5316	3767		2	3	1019	
1056	6123	5324	3772		3	13	157	
1057	6126	5327	3774		2	3	1021	
1058	6130	5331	3777		2	5	613	
1059	6135	5334	3780		3	5	409	
1060	6141	5340	3783		3	23	89	
1061	6142	5341		1558	2	37	83	
1062	6146	5344		1559	2	7	439	
1063	6149	5347	3787		11	13	43	
1064	6153	5350	3790		3	7	293	
1065	6154	5351	3791		2	17	181	
1066	6170	5366	3801		2	5	617	
1067	6177	5372	3806		3	29	71	
1068	6182	5377		1568	2	11	281	
1069	6186	5381	3812		2	3	1031	
1070	6190	5385	3815		2	5	619	
1071	6194	5389	3817		2	19	163	
1072	6198	5392	3820		2	3	1033	
1073	6202	5395	3823		2	7	443	
1074	6205	5397		1573	5	17	73	
1075	6206	5398	3825		2	29	107	
---> 1076	6213	5404	3829		3	19	109	[pattern 129d note 2]
1077	6214	5405		1576	2	13	239	
1078	6215	5406	3830		5	11	113	
1079	6226	5415	3837		2	11	283	
1080	6231	5419	3839		3	31	67	
1081	6234	5422	3841		2	3	1039	
1082	6235	5423	3842		5	29	43	

Note 4: Sum of the first 37 digits = 114 [pattern 37a]

Sum of the remaining 197 digits = 861

1234567891011121314151617181920212223|242526272829303132333435363738394041424344454647484  
95051525354555657585960616263646566676869707172737475767778798081828384858687888990919293  
949596979899100101102103104105106107108109110111112113114

where the 9th sphenic number = 114

where the 114th sphenic number = 861

Note 5a: 619th sphenic number = 975th non-additive composite number = 3745.

Note 5b: The sum of digit sums of all numbers from 1 to 114 = 975 =

1+2+3+4+5+6+7+8+9+1+0+1+1+1+2+1+3+1+4+1+5+1+6+1+7+1+8+1+9+2+0+2+1+2+2+2+3+2+4+2+5+2+6+2+7+2+8+2+9+3+0+3+1+3+2+3+3+3+4+3+5+3+6+3+7+3+8+3+9+4+0+4+1+4+2+4+3+4+4+4+5+4+6+4+7+4+8+4+9+5+0+5+1+5+2+5+3+5+4+5+5+5+6+5+7+5+8+5+9+6+0+6+1+6+2+6+3+6+4+6+5+6+6+6+7+6+8+6+9+7+0+7+1+7+2+7+3+7+4+7+5+7+6+7+7+7+8+7+9+8+0+8+1+8+2+8+3+8+4+8+5+8+6+8+7+8+8+8+9+9+0+9+1+9+2+9+3+9+4+9+5+9+6+9+7+9+8+9+9+1+0+0+1+0+1+1+0+2+1+0+3+1+0+4+1+0+5+1+0+6+1+0+7+1+0+8+1+0+9+1+1+0+1+1+1+1+1+2+1+1+3+1+1+4

Note 6: There are 3842 additive composites sphenic numbers up to 6236  
where 3842 is the 1000th Non-additive Composite = XC1000

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Double Squares and Triple Cubes  
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Pattern 139:

The Quran is compressed into Chapter 1 (الفاتحة) and  
Chapter 1 (الفاتحة) is compressed into بسم الله الرحمن الرحيم

Pattern 139a:

Number of letters in the Quran including all 112 bismAllah  
and treating hamza\_above\_line as a letter = 328287.

Chapter 1 gives the number of letters in the Quran:

Verse	W	L	W^2	L^2	W^3	L^3
1	4	19	16	361	64	6859
2	4	17	16	289	64	4913
3	2	12	4	144	8	1728
4	3	11	9	121	27	1331
5	4	19	16	361	64	6859
6	3	18	9	324	27	5832
7	9	43	81	1849	729	79507
Sum	29	139	151	3449	983	107029

Quran Letters =  $2(W^2 + L^2) + 3(L^3) = 328287$

Pattern 139b:

بسم الله الرحمن الرحيم  
Duplicate Letters

#	L	Freq^2
1	ب	1
2	س	1
3	م	9
4	ا	9
5	ل	16
6	ل	16
7	ه	1
8	ا	9
9	ل	16
10	ر	4
11	ح	4
12	م	9
13	ن	1
14	ا	9
15	ل	16
16	ر	4
17	ح	4
18	ي	1
19	م	9

Sum 139 = Number of letters in Chapter 1 (الفاتحة)

Pattern 139c:

بسم الله الرحمن الرحيم  
Non-Duplicate Letters

#	L	Freq <sup>3</sup>
1	ب	1
2	س	1
3	م	27
4	ا	27
5	ل	64
6	ه	1
7	ر	8
8	ح	8
9	ن	1
10	ي	1
Sum	139	= Number of letters in Chapter 1 (الفاتحة)

-----  
227-digit Chapter Verses  
-----

227 is the highest prime number of verses per chapter used in the Quran.

Pattern 227a:

Right-to-left 227-digit long number of verses of all chapters is probable prime.

65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111  
41324222996785562496045182938353759895354857588182834554733034606988932277764118781121359  
8110111128995243111123109129752061651201762002867

Left-to-right 227-digit long number of verses of all chapters is composite.

72862001761201652067512910912311143529912811111098135112781186477227938869603430735445831  
82887585545389593735382918456049625578962922241314111118121230525244282820564031504046422  
9193625221719263020152111881958811118395473635456

=

2×2×2×2×2×2×7×5527×137885520290732817351584663×1067050471724712664686609285633178523799  
01416010404723328566172957737395755840658022032569277618563231217065120661299797289022426  
791599936582159383554005399760617203071477939525944722428007054711

Pattern 227b:

Left-to-right digits of verses in odd chapters = 113 = the last odd chapter.

72001202061291234399111981121187793693473451827554893738186062782924141112305228204050462  
936221930151185811357655

Right-to-left digits of verses in odd chapters = 113 = the last odd chapter.

55675311858111530192236294650402028523012111424297862601838378954751824573346993771181129  
811199431231292061202007

DigitSum1 = Sum of digits in verses in odd chapters = 439

Left-to-right digits of verses in even chapters = 114 = the last even chapter.

28617616575109111521281101357864227886030548388855359352945495596221311181252442856314042  
1925172620218198118943346

Right-to-left digits of verses in even chapters = 114 = the last even chapter.

64334981181982120261725194240315628445212181113229655494529355953858883543060882276478135  
1101285211110975165176286

DigitSum2 = Sum of digits in the number of verses in even chapters = 469

Digits of odd chapters + Digits of even chapters = 113 + 114 = 227

DigitSum1 + DigitSum2 = 439 + 469 = 908 = 2×2×227

Pattern 227c:

19 chapters with prime verses before chapter 87 [pattern 9b]:

#	C	V
1	1	7
2	10	109
3	13	43
4	26	227 <--- 4th chapter has 227 verses

5	33	73
6	36	83
7	42	53
8	43	89
9	44	59
10	45	37
11	48	29
12	57	29
13	60	13
14	62	11
15	63	11
16	76	31
17	81	29
18	82	19
19	86	17
-----		
Sum	908	969
-----		

Sum of chapters = 908 =  $2 \times 2 \times 227$

4th or  $(2 \times 2)$ th chapter has 227 verses

Pattern 227d:

18 prime verses-per-chapter are used by 32 chapters in the Quran:

#	Verses Usage	
1	3	3
2	5	4
3	7	2
4	11	5
5	13	1
6	17	1
7	19	3
8	29	3
9	31	1
10	37	1
11	43	1
12	53	1
13	59	1
14	73	1
15	83	1
16	89	1
17	109	1
18	227	1
Sum	908	32

Sum of chapters = 908 =  $2 \times 2 \times 227$

Pattern 227e:

Running Sum of BackwardChapter+Verses =  $6 \times 227$  up to chapter 103.

Running Sum of BackwardChapter+Verses =  $42 \times 227$  up to chapter 26 which has 227 verses.

-----			
bC	Verses	Sum	RunSum
-----			
114	6	120	120
113	5	118	238
112	4	116	354
111	5	116	470
110	3	113	583
109	6	115	698
108	3	111	809
107	7	114	923
106	4	110	1033
105	5	110	1143
104	9	113	1256
--> 103	3	106	1362
102	8	110	1472
101	11	112	1584

$6 \times 227$

100	11	111	1695
99	8	107	1802
98	8	106	1908
97	5	102	2010
96	19	115	2125
95	8	103	2228
94	8	102	2330
93	11	104	2434
92	21	113	2547
91	15	106	2653
90	20	110	2763
89	30	119	2882
88	26	114	2996
87	19	106	3102
86	17	103	3205
85	22	107	3312
84	25	109	3421
83	36	119	3540
82	19	101	3641
81	29	110	3751
80	42	122	3873
79	46	125	3998
78	40	118	4116
77	50	127	4243
76	31	107	4350
75	40	115	4465
74	56	130	4595
73	20	93	4688
72	28	100	4788
71	28	99	4887
70	44	114	5001
69	52	121	5122
68	52	120	5242
67	30	97	5339
66	12	78	5417
65	12	77	5494
64	18	82	5576
63	11	74	5650
62	11	73	5723
61	14	75	5798
60	13	73	5871
59	24	83	5954
58	22	80	6034
57	29	86	6120
56	96	152	6272
55	78	133	6405
54	55	109	6514
53	62	115	6629
52	49	101	6730
51	60	111	6841
50	45	95	6936
49	18	67	7003
48	29	77	7080
47	38	85	7165
46	35	81	7246
45	37	82	7328
44	59	103	7431
43	89	132	7563
42	53	95	7658
41	54	95	7753
40	85	125	7878
39	75	114	7992
38	88	126	8118
37	182	219	8337
36	83	119	8456
35	45	80	8536
34	54	88	8624
33	73	106	8730
32	30	62	8792
31	34	65	8857

30	60	90	8947	
29	69	98	9045	
28	88	116	9161	
27	93	120	9281	
--> 26	227	253	9534	42×227
25	77	102	9636	
24	64	88	9724	
23	118	141	9865	
22	78	100	9965	
21	112	133	10098	
20	135	155	10253	
19	98	117	10370	
18	110	128	10498	
17	111	128	10626	
16	128	144	10770	
15	99	114	10884	
14	52	66	10950	
13	43	56	11006	
12	111	123	11129	
11	123	134	11263	
10	109	119	11382	
9	129	138	11520	
8	75	83	11603	
7	206	213	11816	
6	165	171	11987	
5	120	125	12112	
4	176	180	12292	
3	200	203	12495	
2	286	288	12783	
1	7	8	12791	

Note 1: 42 = number of chapters in the mini-book

[pattern 16b note 1]

Note 2: Sum 26 + 227 = 253 = 114 + 139

[pattern 506a note 5]

#### ----- 229 Quad Chapters with 229 Verses -----

##### Pattern 229:

There are 229 4-chapter groups  
where  
the sum of chapter numbers = 229  
the sum of verses per chapter = 229

##### Note 1:

There are 16 4-chapter groups [pattern 506a]  
where  
the sum of chapter numbers = 229  
the sum of verses = 229  
the sum of words = Additive Prime

There are 12 4-chapter groups  
where  
the sum of chapter numbers = 229  
the sum of verses = 229  
the sum of words = Non-additive Prime

There are 148 4-chapter groups [pattern 619h note 1]  
where  
the sum of chapter numbers = 229  
the sum of verses = 229  
the sum of words = Additive Composite

There are 53 4-chapter groups [pattern 506a]  
where  
the sum of chapter numbers = 229  
the sum of verses = 229

the sum of words = Non-additive Composite

Note 2: The Alphabet\_Primes1 value of the word "نور" = "Light" = 229  
The Alphabet\_Primes1 value of the word "طاقة" = "Energy" = 229

Note 3: The Alphabet\_Primes1 value of verse 1:6  
"اهدنا الصراط المستقيم" = "Guide us to the Straight Path." = 916 = 4×229

Note 4: Chapter 1 (The Key) has a Alphabet\_Primes1 value = 8317 = 91<sup>2</sup> + 6<sup>2</sup>  
where 91 and 6 form 916 = 4×229

Note 5: 229 is a 4n+1 prime = 4×57+1 where 57 is the pivot chapter and  
Sum of positions of letter د in chapter 1 = 24+57+67+81 = 229  
Sum of distances of letter د in chapter 1 = 33+10+14 = 57

Note 6: Verse 1:6 has 5 verses before it and 1 verse after it in the chapter,  
that is 5-----6-1.

Note 7: The first word of verse 1:6 has 77860 words after it in the Quran  
where 77860 = 4×229 × 5×17

Note 8: Simplified28 without BismAllah:  
Single-digit chapters and chapters with single-digit verses have sum of letter  
= 4 × 7×29×139 where chapter the Key has 7 verses, 29 words and 139 letters.

#	Chapter	Verses	Words	Letters
1	1	7	29	139
2	2	286	6116	25613
3	3	200	3481	14605
4	4	176	3747	15937
5	5	120	2804	11892
6	6	165	3050	12418
7	7	206	3320	14071
8	8	75	1233	5299
9	9	129	2498	10873
10	94	8	27	102
11	95	8	34	156
12	97	5	30	112
13	98	8	94	394
14	99	8	36	156
15	102	8	28	122
16	103	3	14	70
17	104	9	33	133
18	105	5	23	96
19	106	4	17	73
20	107	7	25	112
21	108	3	10	42
22	109	6	26	95
23	110	3	19	79
24	111	5	23	81
25	112	4	15	47
26	113	5	23	71
27	114	6	20	80
-----				
Sum	1932	1469	26775	112868
-----				

Note 9: 229 is the 19th long prime (229 = LP19)  
229 = 30th additive prime (229 = AP30)  
30 = 19th composite (30 = C19)

-----  
 The Mother of the Book  
 -----

Pattern 263a: Chapter 1's dot point to it letters and diacritics (harakaat) sum:

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
 الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ  
 الرَّحْمَنِ الرَّحِيمِ  
 مَلِكِ يَوْمِ الدِّينِ  
 إِيَّاكَ نَعْبُدُ وَإِيَّاكَ نَسْتَعِينُ  
 اهْدِنَا الصِّرَاطَ الْمُسْتَقِيمَ  
 صِرَاطَ الَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ الْمَغْضُوبِ عَلَيْهِمْ وَلَا الضَّالِّينَ

Note 1: Number of dots in chapter 1 = 56  
 Letters + Diacritics = 139 + 124 = 263 = P56  
 Letters + Dots = 139 + 56 = 195 = C150 = DF150 where 150 = C114  
 Diacritics + Dots = 124 + 56 = 180 = C138 ????? 182 = C139 = DF139

Note 2: 56th prime or P56 = 263 where 56 + 263 = 319 [pattern 319]

Note 3: 56th composite or C56 = 78 = number of initial letters in the Quran.

Note 4: Mother of the Book or "أم الكتاب" is another name for chapter 1  
 The Alphabet\_Primes1 value of "أم الكتاب" name = 263

Note 5: Chapter 1 of the Quran has 124 diacritics (harakaat)  
 where the most repeated verse in the Quran [فَيَأْتِي ۚ ٱلْآءِ رَبُّكُمَا تُكَذِّبَانِ] has  
 4 words and is repeated 31 times where 4×31 = 124  
 and its Alphabet\_Primes1 value = 683 = 124th prime. [pattern 31c]

Pattern 263b: Chapters with numbers equal to the product of their verse digits:

C	V	DigitProduct
16	128	1×2×8 = 16
24	64	6×4 = 24
27	93	9×3 = 27
40	85	8×5 = 40

Sum 107 370

where

370 - 107 = 263  
 370 + 107 = 477 = AC263

Note 1: The above is 139th case:

#	X	Y	Diff	Sum	C	AC	DF	AB
1	2	4	2	6	2	2		
2	5	10	5	15	8	5	13	
3	6	12	6	18	10	6		2
4	8	16	8	24	14	8		4
5	11	24	13	35	23	13	28	
6	11	25	14	36	24	14		6
7	12	27	15	39	26	15	31	
8	12	28	16	40	27	16		7
9	13	31	18	44	29	18	34	
10	13	32	19	45	30	19	35	
11	13	33	20	46	31	20	36	
12	16	41	25	57	40	25	44	
13	17	43	26	60	42	26		12
14	18	48	30	66	47	30		13
15	21	56	35	77	55	35	60	
16	21	57	36	78	56	36		16
17	22	62	40	84	60	40		18
18	23	67	44	90	65	44		20
19	23	68	45	91	66	45	69	
20	24	71	47	95	70	47	73	
21	24	72	48	96	71	48		21



22	25	74	49	99	73	49	76	
23	30	82	52	112	82	52		26
24	31	85	54	116	85	54	87	
25	31	86	55	117	86	55	88	
26	31	87	56	118	87	56	89	
27	32	89	57	121	90	57	91	
28	33	92	59	125	94	59	95	
29	33	93	60	126	95	60		29
30	34	95	61	129	97	61	98	
31	34	96	62	130	98	62	99	
32	35	99	64	134	101	64	102	
33	35	100	65	135	102	65	103	
34	35	101	66	136	103	66	104	
35	37	106	69	143	108	69	109	
36	37	107	70	144	109	70		33
37	37	108	71	145	110	71	110	
38	39	113	74	152	115	74	116	
39	39	114	75	153	116	75	117	
40	39	115	76	154	117	76	118	
41	40	118	78	158	120	78	121	
42	40	119	79	159	121	79	122	
43	43	131	88	174	133	88		39
44	44	136	92	180	138	92		41
45	45	138	93	183	140	93	140	
46	46	143	97	189	146	97	145	
47	46	144	98	190	147	98	146	
48	47	147	100	194	149	100	149	
49	47	148	101	195	150	101	150	
50	47	149	102	196	151	102		44
51	49	153	104	202	155	104	154	
52	50	156	106	206	159	106	157	
53	50	157	107	207	160	107	158	
54	50	158	108	208	161	108		48
55	52	161	109	213	165	109	162	
56	53	166	113	219	171	113	167	
57	53	167	114	220	172	114		51
58	54	170	116	224	175	116		53
59	54	171	117	225	176	117	170	
60	54	172	118	226	177	118	171	
61	57	180	123	237	185	123	180	
62	58	182	124	240	187	124		56
63	59	187	128	246	192	128		57
64	61	194	133	255	200	133	195	
65	62	196	134	258	202	134		59
66	62	197	135	259	203	135	198	
67	62	198	136	260	204	136		60
68	62	199	137	261	205	137	199	
69	62	200	138	262	206	138	200	
70	63	203	140	266	209	140	203	
71	63	204	141	267	210	141	204	
72	63	205	142	268	211	142	205	
73	65	210	145	275	216	145	210	
74	65	211	146	276	217	146		64
75	66	213	147	279	219	147	213	
76	66	214	148	280	220	148		65
77	67	217	150	284	222	150	216	
78	67	218	151	285	223	151	217	
79	67	219	152	286	224	152	218	
80	70	227	157	297	234	157	227	
81	71	230	159	301	238	159	230	
82	72	233	161	305	242	161	233	
83	72	234	162	306	243	162		71
84	73	236	163	309	245	163	235	
85	73	237	164	310	246	164	236	
86	74	240	166	314	248	166	239	
87	74	241	167	315	249	167	240	
88	74	242	168	316	250	168	241	
89	76	247	171	323	256	171	246	
90	76	248	172	324	257	172		76
91	76	249	173	325	258	173	247	

92	77	252	175	329	262	175	251	
93	77	253	176	330	263	176		77
94	78	258	180	336	268	180		78
95	79	262	183	341	272	183	260	
96	79	263	184	342	273	184		80
97	79	264	185	343	274	185	261	
98	81	269	188	350	279	188		82
99	81	270	189	351	280	189	267	
100	81	271	190	352	281	190		83
101	82	274	192	356	284	192	270	
102	82	275	193	357	285	193	271	
103	82	276	194	358	286	194	272	
104	83	280	197	363	290	197	276	
105	85	287	202	372	298	202		89
106	86	292	206	378	303	206		90
107	87	294	207	381	305	207	288	
108	88	296	208	384	307	208		92
109	88	297	209	385	308	209	291	
110	90	302	212	392	314	212		94
111	90	303	213	393	315	213	297	
112	90	304	214	394	316	214	298	
113	91	307	216	398	319	216	301	
114	91	308	217	399	320	217	302	
115	91	309	218	400	321	218		96
116	92	312	220	404	324	220	305	
117	92	313	221	405	325	221	306	
118	92	314	222	406	326	222	307	
119	94	319	225	413	332	225	313	
120	94	320	226	414	333	226		99
121	94	321	227	415	334	227	314	
122	96	326	230	422	339	230	319	
123	96	327	231	423	340	231	320	
124	96	328	232	424	341	232	321	
125	97	331	234	428	345	234	324	
126	97	332	235	429	346	235	325	
127	98	334	236	432	348	236		103
128	99	336	237	435	350	237	330	
129	100	340	240	440	354	240		105
130	100	341	241	441	355	241	334	
131	100	342	242	442	356	242	335	
132	101	345	244	446	359	244	338	
133	101	346	245	447	360	245	339	
134	101	347	246	448	361	246		107
135	102	351	249	453	365	249	343	
136	104	358	254	462	372	254		111
137	105	363	258	468	376	258		113
138	106	365	259	471	379	259	356	
--> 139	107	370	263	477	385	263	360	

#### The Most Important Verse

Pattern 269a: The first verse in the Quran has 4 words:

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
 6                  6                  4                  3

$$6643 = 7 \times 13 \times 73$$

where:

#	C	V
1	7	206
2	13	43
3	73	20

Sum    93    269    =    Alphabet\_Primes1 value of the word "Allah"

Note 1: Letters per word of verse 1 = 7 times the Frequency\_Linear value of chapter 1:

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
6 6 4 3

$$6643 = 7 \times 949$$

Frequency\_Linear value of chapter 1 = 949

Pattern 269b: 17 chapters end in letter "ا" with 269 words in their verses.

#### Squared Composite Chapters

Pattern 297:

C^2	C	V	DigitSum
4^2	16	128	11
6^2	36	83	11
8^2	64	18	9
9^2	81	29	11
10^2	100	11	2
Sum	297	269	44

Fermat's Theorem: A prime of the form  $4n+1$  can be written as the sum of two squares.  
[http://en.wikipedia.org/wiki/Fermat%27s\\_theorem\\_on\\_sums\\_of\\_two\\_squares](http://en.wikipedia.org/wiki/Fermat%27s_theorem_on_sums_of_two_squares)

Note 1:  $297 = C234 = 4 \times 74 + 1$       2, 3, 4 in ascending order.  
 $269 = 4 \times 67 + 1$       Alphabet\_Primes1 value of the word "Allah".  
 $44 = 31 + 13$

31 and 13 are the only non-additive primes of chapter The Key that point to the 31 repetitions of the most repeated verse in the Quran verse 13 of chapter 55.

Note 2:  $269 + 44 = 313$

$$313 = 4 \times 78 + 1$$

where 313 is the number of prophets of whom only 25 named in the Quran

thus  $313 = \text{Sum}(1..25) - 12 = 325 - 12$  (hidden 12th Imam AS),

and 78 is the number of initial letters in the Quran.

#### Chapter 18 and 309 Years

Pattern 309:

Quran 18:25 وَلَيَبْقَوْنَ فِي كَهْفِهِمْ ثَلَاثَ مِائَةٍ سِنِينَ وَازْدَادُوا تِسْعًا  
 They dwelled in their cave three hundred years plus nine more.

N\_Base2Initials

N = any letter order

Base2Initials = if letter is an initial letter then 1, else 0)

Letter Value

ا	1
ب	0
ت	0
ث	0
ج	0
ح	1
خ	0
د	0
ذ	0
ر	1
ز	0
س	1
ش	0
ص	1
ض	0
ط	1

ظ	0
ع	1
غ	0
ف	0
ق	1
ك	1
ل	1
م	1
ن	1
ه	1
و	0
ي	1

-----  
Sum of binary initial values of first words of chapters 1 to 18 = 309  
-----

Chapter	Name	Word	Binary	Decimal
-----				
1	الفاتحة	بسم	110	6
2	الم البقرة	111	7	
3	آل عمران	الم	111	7
4	يايها النساء	11111	31	
5	المائدة	يايها	11111	31
6	الأنعام	1111	15	
7	المص الأعراف	1111	15	
8	يسءلونك الأنفال	1101011		107
9	براءة التوبة	10110	22	
10	الر يونس	111	7	
11	الر هود	111	7	
12	الر يوسف	111	7	
13	المر الرعد	1111	15	
14	ابراهيم	الر	111	7
15	الر الحجر	111	7	
16	اتي النحل	101	5	
17	سبحن الإسراء	1101	13	
-----				
Sum		100110101		309
-----				

-----  
Pattern 319  
-----

Pattern 319a: Sum of chapter numbers - Sum of verses per chapter = 6555 - 6236 = 319

The first two pages of the Quran are much shorter than all other pages in the Quran:  
The first two pages = 12 verses = 319 letters (including the hamza of waBil-Aa'khira)  
The third page starts with 7 verses = 319 letters (including the hamza of Al-Aa'khira)

Note 1: 319 = XC83 (83rd non-additive composite) where 114 = C83 (83rd composite).

114 = C83 = AC53

319 = C252 = XC83

619 = P114 = XP53

Note 2: 319 = 11×29 could point to the pivot chapter (57 = 3×19)  
with its 29 verses and digit sum = 11.

Note 3: 319 = 11×29 could point to the 29 words of chapter 1 (The Key)  
with 29 having a digit sum = 11.

Note 4: 319 consists of the same digits of the 139 letters of chapter 1 (The Key).

Note 5: the 319th word (خَرْقُوهُ) in chapter 29 with bismAllah = 319 in Alphabet\_Primes1.

Note 6: the 319th word (خَرْقُوهُ) in chapter 29 with bismAllah = 319 in Abjad\_Gematria.

Note 7: There are 46 words in the Quran with a Abjad\_Gematria value = 319  
spread across 28 chapters with chapter sum = 908 = 2×2×227

Note 8:  $619^{114} = 319$  digits

17895094176505620351005007198776163300180065879624630164518028602030000759743640157607777  
43539459121670921820714043268507540283621253602198272994827559646127695600981086594257955  
35054257268551708653359754512616749584613169384289614385458404554560615906068000981851197  
8548221537347743658271164279170910759485028876617721

Note 9:  $319^{114} = 286$  digits = number of verses of chapter 2

27048168827589754353857802820371913896169115891501231457674978816821888499711771548376309  
15754921733057592857888548604811209058325065756421873417253581588695242331285235893674840  
00825676816476187703735308226204350354711760301937098416128579238517877706789009017802742  
9000677001662529921

Note 10: Quran 3:19 ends with "Allah counts swiftly."

إِنَّ الدِّينَ عِنْدَ اللَّهِ الْإِسْلَامُ وَمَا اخْتَلَفَ الَّذِينَ أُوْتُوا الْكِتَابَ إِلَّا مِنْ بَعْدِ مَا جَاءَهُمُ الْعِلْمُ بَغْيًا بَيْنَهُمْ  
وَمَنْ يَكْفُرْ بِآيَاتِ اللَّهِ فَإِنَّ اللَّهَ سَرِيعُ الْحِسَابِ

"Islam (Submission to the Will of God) is the only accepted form of religion (Law) with Allah. Division among the people of the Book only began after receiving the new Knowledge (Laws), and thus whoever denies Allah's signs/commandments must know that Allah counts swiftly (Judge)."

Pattern 319b:

There are only 5 chapters in the Quran with  $C+V = 114$

The sum of their chapter numbers = 319 and  $C \times V$  is a multiple of 319.

C	V	C+V	C×V
15	99	114	1485
39	75	114	2925
70	44	114	3080
88	26	114	2288
107	7	114	749
Sum 319	251	570	10527

Note 1:  $10527 = 33 \times 319$

where  $33 = AC_{12} = C_{21}$

[pattern 37a notes 3a 3b 3c]

Note 2: 251 is the Alphabet\_Primes1 value of the word "Ali" (as).

Pattern 319c:

Verses in first 57 chapters = 5104

Verses in last 57 chapters = 1132

Difference  $5104 - 1132 = 3972 = 331 \times 12$

Difference of products =  $331 - 12 = 319$

Verses in first 57 chapters:

#	C	V
1	1	7
2	2	286
3	3	200
4	4	176
5	5	120
6	6	165
7	7	206
8	8	75
9	9	129
10	10	109
11	11	123
12	12	111
13	13	43
14	14	52
15	15	99
16	16	128
17	17	111
18	18	110
19	19	98

20	20	135
21	21	112
22	22	78
23	23	118
24	24	64
25	25	77
26	26	227
27	27	93
28	28	88
29	29	69
30	30	60
31	31	34
32	32	30
33	33	73
34	34	54
35	35	45
36	36	83
37	37	182
38	38	88
39	39	75
40	40	85
41	41	54
42	42	53
43	43	89
44	44	59
45	45	37
46	46	35
47	47	38
48	48	29
49	49	18
50	50	45
51	51	60
52	52	49
53	53	62
54	54	55
55	55	78
56	56	96
57	57	29

-----  
Sum      1653    5104

Verses in last 57 chapters:

#	C	V
1	58	22
2	59	24
3	60	13
4	61	14
5	62	11
6	63	11
7	64	18
8	65	12
9	66	12
10	67	30
11	68	52
12	69	52
13	70	44
14	71	28
15	72	28
16	73	20
17	74	56
18	75	40
19	76	31
20	77	50
21	78	40
22	79	46
23	80	42
24	81	29
25	82	19

26	83	36
27	84	25
28	85	22
29	86	17
30	87	19
31	88	26
32	89	30
33	90	20
34	91	15
35	92	21
36	93	11
37	94	8
38	95	8
39	96	19
40	97	5
41	98	8
42	99	8
43	100	11
44	101	11
45	102	8
46	103	3
47	104	9
48	105	5
49	106	4
50	107	7
51	108	3
52	109	6
53	110	3
54	111	5
55	112	4
56	113	5
57	114	6
-----		
Sum	4902	1132
-----		

Pattern 319d:

Running Verses Sum = 16×319 at chapter 57 The Iron [pattern 9a]  
Running Chapter Sum = 12×319 at chapter 87 The High [pattern 9b]

-----  
Chapter Verses

1	7
2	286
3	200
4	176
5	120
6	165
7	206
8	75
9	129
10	109
11	123
12	111
13	43
14	52
15	99
16	128
17	111
18	110
19	98
20	135
21	112
22	78
23	118
24	64
25	77
26	227
27	93
28	88

29	69
30	60
31	34
32	30
33	73
34	54
35	45
36	83
37	182
38	88
39	75
40	85
41	54
42	53
43	89
44	59
45	37
46	35
47	38
48	29
49	18
50	45
51	60
52	49
53	62
54	55
55	78
56	96
57	29 -----
58	5104 = 319×16
59	-----
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
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76	
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81	
82	
83	
84	
85	
86	
87	

Sum 3828 = 319×12

Full table: <http://heliwave.com/QuranFactors.xls>

Pattern 319e:

Sum of all duplicate C+V sums = 7906  
Sum of all unique C+V sums = 4885  
Difference 7906 - 4885 = 3021 = 3×19×53  
where  
3×19 has the same digits and order of number 319  
and



53 is the 16th prime number with  $1653 = C \times V$  of chapter 57 (The Iron).  
[pattern 8] [pattern 319d]

Pattern 319f:

The first two pages of the Quran contain 12 verses with 319 letters  
(including the hamza of waBil-Aa'khira)

There are 4 ranges of 12 verses with 319 letters in Simplified29 text mode.

#	Chap	Verse	Words	Letters
1	1	1	4	19
2	1	2	4	17
3	1	3	2	12
4	1	4	3	11
5	1	5	4	19
6	1	6	3	18
7	1	7	9	43
8	2	1	5	22
9	2	2	7	26
10	2	3	8	46
11	2	4	12	53
12	2	5	8	33 --- 319 letters
1	15	50	5	22
2	15	51	4	17
3	15	52	9	36
4	15	53	7	27
5	15	54	8	35
6	15	55	7	30
7	15	56	8	29
8	15	57	5	23
9	15	58	6	26
10	15	59	6	25
11	15	60	6	28
12	15	61	5	21 --- 319 letters
1	15	61	5	21
2	15	62	4	16
3	15	63	7	28
4	15	64	4	21
5	15	65	14	60
6	15	66	9	40
7	15	67	4	22
8	15	68	6	23
9	15	69	4	18
10	15	70	5	22
11	15	71	6	24
12	15	72	5	24 --- 319 letters
1	69	10	6	28
2	69	11	7	29
3	69	12	6	28
4	69	13	6	22
5	69	14	6	29
6	69	15	3	17
7	69	16	5	25
8	69	17	9	42
9	69	18	6	26
10	69	19	9	40
11	69	20	5	19
12	69	21	4	14 --- 319 letters
Sum	1205	1693	290	1276

Note 1: Verse sum = 1693 = Quran words (77878) ÷ Human's Chromosomes (2×23)  
See <http://heliwave.com/QuranDNA.zip>  
Quran words = 77878 = 2×23×1693  
QuranDNA models a double helix of 23 rings with 1693 genes on each ring  
(one gene per Quran word).

Pattern 319g:

The third page starts with 7 verses with 319 letters  
(including the hamza of Al-Aa'khir)

There are 10 ranges of 7 verses with 319 letters in Simplified29 text mode.

#	Chap	Verse	Words	Letters
1	2	6	11	47
2	2	7	12	51
3	2	8	11	49
4	2	9	10	49
5	2	10	12	51
6	2	11	11	43
7	2	12	7	29 --- 319 letters
1	16	54	10	38
2	16	55	6	34
3	16	56	12	55
4	16	57	7	32
5	16	58	9	37
6	16	59	19	64
7	16	60	12	59 --- 319 letters
1	17	37	13	48
2	17	38	7	24
3	17	39	18	68
4	17	40	11	57
5	17	41	10	45
6	17	42	13	49
7	17	43	6	28 --- 319 letters
1	19	23	13	56
2	19	24	10	38
3	19	25	8	34
4	19	26	18	76
5	19	27	10	39
6	19	28	11	38
7	19	29	10	38 --- 319 letters
1	20	110	10	38
2	20	111	9	35
3	20	112	11	40
4	20	113	14	62
5	20	114	17	65
6	20	115	11	37
7	20	116	9	42 --- 319 letters
1	21	90	19	89
2	21	91	11	56
3	21	92	8	32
4	21	93	6	29
5	21	94	12	46
6	21	95	7	30
7	21	96	10	37 --- 319 letters
1	25	63	12	59
2	25	64	5	26
3	25	65	11	47
4	25	66	4	20
5	25	67	11	47
6	25	68	22	86
7	25	69	8	34 --- 319 letters
1	29	54	6	37
2	29	55	13	56
3	29	56	8	38
4	29	57	7	28
5	29	58	17	82
6	29	59	5	25
7	29	60	12	53 --- 319 letters
1	35	21	4	16
2	35	22	16	61
3	35	23	4	12
4	35	24	12	47
5	35	25	13	65
6	35	26	7	27
7	35	27	22	91 --- 319 letters

1	67	16	11	40
2	67	17	12	48
3	67	18	8	30
4	67	19	15	60
5	67	20	15	53
6	67	21	12	42
7	67	22	12	46 --- 319 letters
-----				
Sum	1757	3528	765	3190
-----				

Pattern 319h:

Given:

$c$  = number of chapters in the Quran = 114  
 $v$  = number of verses in the Quran = 6236  
 $c\_sum$  = Sum of chapter numbers in the Quran =  $1 + 2 + \dots + 114 = 6555$   
 $v\_sum$  = Sum of verse numbers in the Quran =  $1+2+3+4+5+6+7 +$   
 $1+2+3+4+5+\dots+286 +$   
 $1+2+3+4+5+\dots+200 +$   
 $\dots$   
 $1+2+3+4+5+6$   
 $= 333667$

$diff = c\_sum - v = 6555 - 6236 = 319$

then

$v\_sum \div c\_sum = 333667 \div 6555 = 50 \text{ remainder } 5917$

let

$r = 5917$

then

$v - r = diff$   
 $6236 - 5917 = 319$

Note 1: Multiplying consecutive digits of 333667 =  $(3 \times 3) + (3 \times 3) + (3 \times 6) + (6 \times 6) + (6 \times 7) = 114$

Note 2: Palindrome 12345678987654321 =  $111111111 \times 111111111 = 9 \times 9 \times 37 \times 37 \times 333667 \times 333667$

Pattern 319i:

There are 3 consecutive chapters with 319 verses.

-----		
#	C	V
-----		
1	17	111
2	18	110
3	19	98
-----		
Sum	54	319
-----		

There are 6 consecutive chapters with 319 verses.

-----		
#	C	V
-----		
1	31	34
2	32	30
3	33	73
4	34	54
5	35	45
6	36	83
-----		
Sum	201	319
-----		

Pattern 319j:

If the 114 verses-per-chapters are reversed  
(so chapter 1 gets verses of chapter 114 and so on),

then the sum of Odd C-V = 319  
and the sum of Even C-V = 0

C	V	C-V	Odd	Even	Prime	Comp	Dupl	Unique
1	6	-5	-5	0	-5	0	-5	0
2	5	-3	-3	0	-3	0	-3	0
3	4	-1	-1	0	0	0	-1	0
4	5	-1	-1	0	0	0	-1	0
5	3	2	0	2	2	0	2	0
6	6	0	0	0	0	0	0	0
7	3	4	0	4	0	4	4	0
8	7	1	1	0	0	0	1	0
9	4	5	5	0	5	0	5	0
10	5	5	5	0	5	0	5	0
11	9	2	0	2	2	0	2	0
12	3	9	9	0	0	9	9	0
13	8	5	5	0	5	0	5	0
14	11	3	3	0	3	0	0	3
15	11	4	0	4	0	4	4	0
16	8	8	0	8	0	8	8	0
17	8	9	9	0	0	9	9	0
18	5	13	13	0	13	0	13	0
19	19	0	0	0	0	0	0	0
20	8	12	0	12	0	12	12	0
21	8	13	13	0	13	0	13	0
22	11	11	11	0	11	0	0	11
23	21	2	0	2	2	0	2	0
24	15	9	9	0	0	9	9	0
25	20	5	5	0	5	0	5	0
26	30	-4	0	-4	0	-4	-4	0
27	26	1	1	0	0	0	1	0
28	19	9	9	0	0	9	9	0
29	17	12	0	12	0	12	12	0
30	22	8	0	8	0	8	8	0
31	25	6	0	6	0	6	6	0
32	36	-4	0	-4	0	-4	-4	0
33	19	14	0	14	0	14	14	0
34	29	5	5	0	5	0	5	0
35	42	-7	-7	0	-7	0	0	-7
36	46	-10	0	-10	0	-10	-10	0
37	40	-3	-3	0	-3	0	-3	0
38	50	-12	0	-12	0	-12	0	-12
39	31	8	0	8	0	8	8	0
40	40	0	0	0	0	0	0	0
41	56	-15	-15	0	0	-15	0	-15
42	20	22	0	22	0	22	0	22
43	28	15	15	0	0	15	15	0
44	28	16	0	16	0	16	0	16
45	44	1	1	0	0	0	1	0
46	52	-6	0	-6	0	-6	0	-6
47	52	-5	-5	0	-5	0	-5	0
48	30	18	0	18	0	18	0	18
49	12	37	37	0	37	0	0	37
50	12	38	0	38	0	38	38	0
51	18	33	33	0	0	33	33	0
52	11	41	41	0	41	0	0	41
53	11	42	0	42	0	42	42	0
54	14	40	0	40	0	40	0	40
55	13	42	0	42	0	42	42	0
56	24	32	0	32	0	32	32	0
57	22	35	35	0	0	35	35	0
58	29	29	29	0	29	0	0	29
59	96	-37	-37	0	-37	0	0	-37
60	78	-18	0	-18	0	-18	-18	0

61	55	6	0	6	0	6	6	0	
62	62	0	0	0	0	0	0	0	
63	49	14	0	14	0	14	14	0	
64	60	4	0	4	0	4	4	0	
65	45	20	0	20	0	20	20	0	
66	18	48	0	48	0	48	0	48	
67	29	38	0	38	0	38	38	0	
68	38	30	0	30	0	30	0	30	
69	35	34	0	34	0	34	0	34	
70	37	33	33	0	0	33	33	0	
71	59	12	0	12	0	12	12	0	
72	89	-17	-17	0	-17	0	0	-17	
73	53	20	0	20	0	20	20	0	
74	54	20	0	20	0	20	20	0	
75	85	-10	0	-10	0	-10	-10	0	
76	75	1	1	0	0	0	1	0	
77	88	-11	-11	0	-11	0	0	-11	
78	182	-104	0	-104	0	-104	0	-104	
79	83	-4	0	-4	0	-4	-4	0	
80	45	35	35	0	0	35	35	0	
81	54	27	27	0	0	27	27	0	
82	73	9	9	0	0	9	9	0	
83	30	53	53	0	53	0	0	53	
84	34	50	0	50	0	50	0	50	
85	60	25	25	0	0	25	0	25	
86	69	17	17	0	17	0	0	17	
87	88	-1	-1	0	0	0	-1	0	
88	93	-5	-5	0	-5	0	-5	0	
89	227	-138	0	-138	0	-138	0	-138	
90	77	13	13	0	13	0	13	0	
91	64	27	27	0	0	27	27	0	
92	118	-26	0	-26	0	-26	0	-26	
93	78	15	15	0	0	15	15	0	
94	112	-18	0	-18	0	-18	-18	0	
95	135	-40	0	-40	0	-40	0	-40	
96	98	-2	0	-2	-2	0	0	-2	
97	110	-13	-13	0	-13	0	-13	0	
98	111	-13	-13	0	-13	0	-13	0	
99	128	-29	-29	0	-29	0	0	-29	
100	99	1	1	0	0	0	1	0	
101	52	49	49	0	0	49	0	49	
102	43	59	59	0	59	0	0	59	
103	111	-8	0	-8	0	-8	0	-8	
104	123	-19	-19	0	-19	0	0	-19	
105	109	-4	0	-4	0	-4	-4	0	
106	129	-23	-23	0	-23	0	0	-23	
107	75	32	0	32	0	32	32	0	
108	206	-98	0	-98	0	-98	0	-98	
109	165	-56	0	-56	0	-56	0	-56	
110	120	-10	0	-10	0	-10	-10	0	
111	176	-65	-65	0	0	-65	0	-65	
112	200	-88	0	-88	0	-88	0	-88	
113	286	-173	-173	0	-173	0	0	-173	
114	7	107	107	0	107	0	0	107	
Sum	6555	6236	319	319	0	62	255	604	-285

Note 1: Sum of duplicate C-V = 604 = Pages in the Quran.

Pattern 319k:

Sum of divisors of the 114 verses-per-chapter numbers = 10716 = 94×114

C	V	Factors	Sum	C+Sum
1	7	7+1	8	9
2	286	286+143+26+22+13+11+2+1	504	506
3	200	200+100+50+40+25+20+10+8+5+4+2+1	465	468
4	176	176+88+44+22+16+11+8+4+2+1	372	376
5	120	120+60+40+30+24+20+15+12+10+8+6+5+4+3+2+1	360	365
6	165	165+55+33+15+11+5+3+1	288	294
7	206	206+103+2+1	312	319
8	75	75+25+15+5+3+1	124	132
9	129	129+43+3+1	176	185
10	109	109+1	110	120
11	123	123+41+3+1	168	179
12	111	111+37+3+1	152	164
13	43	43+1	44	57
14	52	52+26+13+4+2+1	98	112
15	99	99+33+11+9+3+1	156	171
16	128	128+64+32+16+8+4+2+1	255	271
17	111	111+37+3+1	152	169
18	110	110+55+22+11+10+5+2+1	216	234
19	98	98+49+14+7+2+1	171	190
20	135	135+45+27+15+9+5+3+1	240	260
21	112	112+56+28+16+14+8+7+4+2+1	248	269
22	78	78+39+26+13+6+3+2+1	168	190
23	118	118+59+2+1	180	203
24	64	64+32+16+8+4+2+1	127	151
25	77	77+11+7+1	96	121
26	227	227+1	228	254
27	93	93+31+3+1	128	155
28	88	88+44+22+11+8+4+2+1	180	208
29	69	69+23+3+1	96	125
30	60	60+30+20+15+12+10+6+5+4+3+2+1	168	198
31	34	34+17+2+1	54	85
32	30	30+15+10+6+5+3+2+1	72	104
33	73	73+1	74	107
34	54	54+27+18+9+6+3+2+1	120	154
35	45	45+15+9+5+3+1	78	113
36	83	83+1	84	120
37	182	182+91+26+14+13+7+2+1	336	373
38	88	88+44+22+11+8+4+2+1	180	218
39	75	75+25+15+5+3+1	124	163
40	85	85+17+5+1	108	148
41	54	54+27+18+9+6+3+2+1	120	161
42	53	53+1	54	96
43	89	89+1	90	133
44	59	59+1	60	104
45	37	37+1	38	83
46	35	35+7+5+1	48	94
47	38	38+19+2+1	60	107
48	29	29+1	30	78
49	18	18+9+6+3+2+1	39	88
50	45	45+15+9+5+3+1	78	128
51	60	60+30+20+15+12+10+6+5+4+3+2+1	168	219
52	49	49+7+1	57	109
53	62	62+31+2+1	96	149
54	55	55+11+5+1	72	126
55	78	78+39+26+13+6+3+2+1	168	223
56	96	96+48+32+24+16+12+8+6+4+3+2+1	252	308
57	29	29+1	30	87
58	22	22+11+2+1	36	94
59	24	24+12+8+6+4+3+2+1	60	119
60	13	13+1	14	74
61	14	14+7+2+1	24	85
62	11	11+1	12	74
63	11	11+1	12	75
64	18	18+9+6+3+2+1	39	103
65	12	12+6+4+3+2+1	28	93

66	12	12+6+4+3+2+1	28	94
67	30	30+15+10+6+5+3+2+1	72	139
68	52	52+26+13+4+2+1	98	166
69	52	52+26+13+4+2+1	98	167
70	44	44+22+11+4+2+1	84	154
71	28	28+14+7+4+2+1	56	127
72	28	28+14+7+4+2+1	56	128
73	20	20+10+5+4+2+1	42	115
74	56	56+28+14+8+7+4+2+1	120	194
75	40	40+20+10+8+5+4+2+1	90	165
76	31	31+1	32	108
77	50	50+25+10+5+2+1	93	170
78	40	40+20+10+8+5+4+2+1	90	168
79	46	46+23+2+1	72	151
80	42	42+21+14+7+6+3+2+1	96	176
81	29	29+1	30	111
82	19	19+1	20	102
83	36	36+18+12+9+6+4+3+2+1	91	174
84	25	25+5+1	31	115
85	22	22+11+2+1	36	121
86	17	17+1	18	104
87	19	19+1	20	107
88	26	26+13+2+1	42	130
89	30	30+15+10+6+5+3+2+1	72	161
90	20	20+10+5+4+2+1	42	132
91	15	15+5+3+1	24	115
92	21	21+7+3+1	32	124
93	11	11+1	12	105
94	8	8+4+2+1	15	109
95	8	8+4+2+1	15	110
96	19	19+1	20	116
97	5	5+1	6	103
98	8	8+4+2+1	15	113
99	8	8+4+2+1	15	114
100	11	11+1	12	112
101	11	11+1	12	113
102	8	8+4+2+1	15	117
103	3	3+1	4	107
104	9	9+3+1	13	117
105	5	5+1	6	111
106	4	4+2+1	7	113
107	7	7+1	8	115
108	3	3+1	4	112
109	6	6+3+2+1	12	121
110	3	3+1	4	114
111	5	5+1	6	117
112	4	4+2+1	7	119
113	5	5+1	6	119
114	6	6+3+2+1	12	126

Sum 6555 6236 10716 17271

94×114 Palindrome

319 is the 94th semi-prime with two distinct prime factors:

#	N	Factors	
1	6	2	3
2	10	2	5
3	14	2	7
4	15	3	5
5	21	3	7
6	22	2	11
7	26	2	13
8	33	3	11
9	34	2	17
10	35	5	7
11	38	2	19
12	39	3	13
13	46	2	23

14	51	3	17
15	55	5	11
16	57	3	19
17	58	2	29
18	62	2	31
19	65	5	13
20	69	3	23
21	74	2	37
22	77	7	11
23	82	2	41
24	85	5	17
25	86	2	43
26	87	3	29
27	91	7	13
28	93	3	31
29	94	2	47
30	95	5	19
31	106	2	53
32	111	3	37
33	115	5	23
34	118	2	59
35	119	7	17
36	122	2	61
37	123	3	41
38	129	3	43
39	133	7	19
40	134	2	67
41	141	3	47
42	142	2	71
43	143	11	13
44	145	5	29
45	146	2	73
46	155	5	31
47	158	2	79
48	159	3	53
49	161	7	23
50	166	2	83
51	177	3	59
52	178	2	89
53	183	3	61
54	185	5	37
55	187	11	17
56	194	2	97
57	201	3	67
58	202	2	101
59	203	7	29
60	205	5	41
61	206	2	103
62	209	11	19
63	213	3	71
64	214	2	107
65	215	5	43
66	217	7	31
67	218	2	109
68	219	3	73
69	221	13	17
70	226	2	113
71	235	5	47
72	237	3	79
73	247	13	19
74	249	3	83
75	253	11	23
76	254	2	127
77	259	7	37
78	262	2	131
79	265	5	53
80	267	3	89
81	274	2	137
82	278	2	139
83	287	7	41



84	291	3	97
85	295	5	59
86	298	2	149
87	299	13	23
88	301	7	43
89	302	2	151
90	303	3	101
91	305	5	61
92	309	3	103
93	314	2	157
94	319	11	29

-----  
Sum of prime factors of verses-per-chapter =  $10716 = 2 \times 2 \times 3 \times 19 \times 47 = 94 \times 114$  where  
319 is the 94th semi-prime with two distinct prime factors.

Note 1: The 319th sphenic number (three distinct prime factors) is 2091  
where  
2091 = 1229th additive composite  
1229 = 94th non-additive prime

Using <http://heliwave.com/Composites.zip>  
How many factors-per-number to find? 3  
Duplicate factors, unique, or any (d/u/a)? u  
Maximum number to factor? 6236

#	N	C	AC	XC	Factors
---	319	2091	1774	1229	3 17 41

-----  
Squared Prime Chapters  
-----

Pattern 449a:

P^2	C	V	DigitSum
2^2	4	176	14
3^2	9	129	12
5^2	25	77	14
7^2	49	18	9
Sum	87	400	49
Square1		Square2	

Note 1: Square1 + Square2 =  $400 + 49 = 449$   
and the chapter sum 87 [pattern 9b]  
where  $449 = P87$

Note 2: Squared digits:  $4^2 + 4^2 + 9^2 = 8^2 + 7^2$

Note 3:  $C114 = 150 = AC73$  [114 chapters]  
AP73 = P139 [139 letters in The Key]  
139 = P34  
C34 = 50  
AP50 = 449

## Pattern 449b:

Fermat's Theorem: A prime of the form  $4n+1$  can be written as the sum of two squares.  
[http://en.wikipedia.org/wiki/Fermat%27s\\_theorem\\_on\\_sums\\_of\\_two\\_squares](http://en.wikipedia.org/wiki/Fermat%27s_theorem_on_sums_of_two_squares)

$$\begin{array}{rcl} \text{Square1} + \text{Square2} & = & 400 + 49 = 449 = 4n+1 \text{ prime} = 4 \times 112 + 1 \\ \text{Digit sums} & = & 4 + 13 = 17 = 4n+1 \text{ prime} = 4 \times 4 + 1 \end{array}$$

Note 1: 112 is the number of chapters in the Quran with BismAllah prefixes.  
 Chapter 112 is Oneness of God and has 4 verses.

Note 2: The first Quran's {chapter, verses, words, letters quadruple} = { 1, 1, 4, 19 }  
 where the sum =  $1 + 1 + 4 + 19 = 25$   
 and sum of digit sums =  $1 + 1 + 4 + 10 = 16$   
 and sum of sums =  $25 + 16 = 41 = 4n+1 \text{ prim} = 4 \times 10 + 1$   
 where BismAllah is chapter 1 verse 1, 4 words, 19 letters, 10 unique letters.

Note 3: 449 is the smallest prime whose digits are squares ( $2^2 \ 2^2 \ 3^2$ )

Note 4: 449 is the smallest prime number that can be constructed by  
 concatenating two prime squares ( $2^2$  and  $7^2$ )

Note 5: 449 is the sum of five consecutive primes ( $79 + 83 + 89 + 97 + 101$ )

Note 6: There are 109 chapters excluding chapters 79 + 83 + 89 + 97 + 101 where  
 109 letters in the first 7 verses of the Quran are verse 1 letters.  
 109 letters in the last 7 verses of the Quran are chapter 1 letters.  
 $109 = 4n+1 \text{ prime} = 4 \times 27 + 1$   
 $449 = 20^2 + 7^2$  with  $20+7 = 27$

Note 7: Verse 27:93 is verse 3252 in the Quran and  $3252 = C2793$   
 وَقُلِ الْحَمْدُ لِلّٰهِ سَيُرِيكُمْ ءَايٰتِهٖۚ فَتَعْرِفُوْنَهَاۗ وَمَا رَبُّكَ بِغَفِلٍ عَمَّا تَعْمَلُوْنَ  
 27:93 And say, 'All praise belongs to Allah.  
 Soon He will show you His signs, and you will recognize them.'  
 Your Lord is not oblivious of what you do.

Note 8: Chapter 27 which has 93 verses starts with the initial letters: ط س  
 where ط is repeated 27 times in the chapter,  
 and س is repeated 93 times in the chapter.  
 [excluding BismAllah in Simplified28]

Pattern 449c: There is one 4-chapter group in the Quran with chapter number sum = 449

C	V	Sum	
110	3	113	
112	4	116	
113	5	118	
114	6	120	
Sum	449	18	467
P87		P91	[pattern 9b, pattern 91]
AP50		AP53	[pattern 9a]
C50 = XC18			

-----  
Twin Numbers  
-----

Pattern 506a: 114 and 506 act like as twin numbers:

$114 \div 2 = 57$   
 $\text{median}(1..57) = 29$   
 $57 \times 29 = 1653$                       where P16 = 53                      [pattern 8]

$506 \div 2 = 253$   
 $\text{median}(1..253) = 127$   
 $253 \times 127 = 32131$                       where P32 = 131

P114            = 619  
 $114 + 506 = 620$   
 C506           = 621

$\text{XC114} + \text{AC114} - \text{C114} = 506$   
 $436 + 220 - 150 = 506$

XP506        = P1000  
 P621         = AP319

Only 114 and 506 have such properties for prime numbers.

Note 1:

There are 16            additive primes            up to 114  
 There are 53            additive composites up to 114

There are 42 non-additive primes            up to 506  
 There are 131 non-additive composites up to 506

There are 10 non-additive primes            up to 506 with digit sum = 10  
 19, 37, 73, 109, 127, 163, 181, 271, 307, 433    with sum = 1720

Using <http://heliwave.com/Composites.zip>  
 How many factors-per-number to find?            1  
 Duplicate factors, unique, or any (d/u/a)?    a  
 Maximum number to factor?                      506

N	P	AP	XP	XP-	ds	dr
2	1	1			2	2
3	2	2			3	3
5	3	3			5	5
7	4	4			7	7
11	5	5			2	2
13	6		1	1	4	4
17	7		2	2	8	8
19	8		3	-	10	1
23	9	6			5	5
29	10	7			11	2
31	11		4	3	4	4
37	12		5	-	10	1
41	13	8			5	5
43	14	9			7	7
47	15	10			11	2
53	16		6	4	8	8
59	17		7	5	14	5
61	18	11			7	7
67	19	12			13	4
71	20		8	6	8	8
73	21		9	-	10	1
79	22		10	7	16	7
83	23	13			11	2
89	24	14			17	8
97	25		11	8	16	7
101	26	15			2	2
103	27		12	9	4	4
107	28		13	10	8	8

	109	29		14	-	10	1
--->	113	30	16			5	5
	127	31		15	-	10	1
	131	32	17			5	5
	137	33	18			11	2
	139	34	19			13	4
	149	35		16	11	14	5
	151	36	20			7	7
	157	37	21			13	4
	163	38		17	-	10	1
	167	39		18	12	14	5
	173	40	22			11	2
	179	41	23			17	8
	181	42		19	-	10	1
	191	43	24			11	2
	193	44	25			13	4
	197	45	26			17	8
	199	46	27			19	1
	211	47		20	13	4	4
	223	48	28			7	7
	227	49	29			11	2
	229	50	30			13	4
	233	51		21	14	8	8
	239	52		22	15	14	5
	241	53	31			7	7
	251	54		23	16	8	8
	257	55		24	17	14	5
	263	56	32			11	2
	269	57	33			17	8
	271	58		25	-	10	1
	277	59		26	18	16	7
	281	60	34			11	2
	283	61	35			13	4
	293	62		27	19	14	5
	307	63		28	-	10	1
	311	64	36			5	5
	313	65	37			7	7
	317	66	38			11	2
	331	67	39			7	7
	337	68	40			13	4
	347	69		29	20	14	5
	349	70		30	21	16	7
	353	71	41			11	2
	359	72	42			17	8
	367	73		31	22	16	7
	373	74	43			13	4
	379	75	44			19	1
	383	76		32	23	14	5
	389	77		33	24	20	2
	397	78	45			19	1
	401	79	46			5	5
	409	80	47			13	4
	419	81		34	25	14	5
	421	82	48			7	7
	431	83		35	26	8	8
	433	84		36	-	10	1
	439	85		37	27	16	7
	443	86	49			11	2
	449	87	50			17	8
	457	88		38	28	16	7
	461	89	51			11	2
	463	90	52			13	4
	467	91	53			17	8
	479	92		39	29	20	2
	487	93	54			19	1
	491	94		40	30	14	5
	499	95		41	31	22	4
--->	503	96		42	32	8	8

Using <http://heliwave.com/Composites.zip>

How many factors-per-number to find? 0

Duplicate factors, unique, or any (d/u/a)? a

Maximum number to factor? 506

-----				88	64	43	
N	C	AC	XC	90	65	44	
-----				91	66	45	
4	1	1		92	67		22
6	2	2		93	68	46	
8	3	3		94	69		23
9	4	4		95	70	47	
10	5		1	96	71	48	
12	6		2	98	72		24
14	7		3	99	73	49	
15	8	5		100	74		25
16	9		4	102	75		26
18	10	6		104	76		27
20	11		5	105	77	50	
21	12		6	106	78		28
22	13	7		108	79	51	
24	14	8		110	80		29
25	15		7	111	81		30
26	16	9		112	82	52	
27	17	10		----> 114	83	53	
28	18	11		115	84		31
30	19		8	116	85	54	
32	20		9	117	86	55	
33	21	12		118	87	56	
34	22		10	119	88		32
35	23	13		120	89		33
36	24	14		121	90	57	
38	25		11	122	91		34
39	26	15		123	92	58	
40	27	16		124	93		35
42	28	17		125	94	59	
44	29	18		126	95	60	
45	30	19		128	96		36
46	31	20		129	97	61	
48	32	21		130	98	62	
49	33		12	132	99	63	
50	34		13	133	100		37
51	35	22		134	101	64	
52	36		14	135	102	65	
54	37	23		136	103	66	
55	38	24		138	104	67	
56	39		15	140	105		38
57	40	25		141	106	68	
58	41		16	142	107		39
60	42	26		143	108	69	
62	43	27		144	109	70	
63	44	28		145	110	71	
64	45	29		146	111		40
65	46		17	147	112	72	
66	47	30		148	113		41
68	48	31		150	114	73	
69	49	32		152	115	74	
70	50		18	153	116	75	
72	51	33		154	117	76	
74	52		19	155	118		42
75	53	34		156	119	77	
76	54		20	158	120	78	
77	55	35		159	121	79	
78	56	36		160	122		43
80	57	37		161	123	80	
81	58	38		162	124	81	
82	59	39		164	125		44
84	60	40		165	126	82	
85	61		21	166	127		45
86	62	41		168	128	83	
87	63	42		169	129	84	

170	130	85		255	200	133	
171	131	86		256	201		68
172	132	87		258	202	134	
174	133	88		259	203	135	
175	134		46	260	204	136	
176	135	89		261	205	137	
177	136	90		262	206	138	
178	137	91		264	207	139	
180	138	92		265	208		69
182	139		47	266	209	140	
183	140	93		267	210	141	
184	141		48	268	211	142	
185	142	94		270	212	143	
186	143	95		272	213		70
187	144	96		273	214	144	
188	145		49	274	215		71
189	146	97		275	216	145	
190	147	98		276	217	146	
192	148	99		278	218		72
194	149	100		279	219	147	
195	150	101		280	220	148	
196	151	102		282	221	149	
198	152	103		284	222	150	
200	153		50	285	223	151	
201	154		51	286	224	152	
202	155	104		287	225		73
203	156		52	288	226	153	
204	157	105		289	227		74
205	158		53	290	228		75
206	159	106		291	229	154	
207	160	107		292	230		76
208	161	108		294	231	155	
209	162		54	295	232	156	
210	163		55	296	233		77
212	164		56	297	234	157	
213	165	109		298	235		78
214	166		57	299	236	158	
215	167	110		300	237		79
216	168	111		301	238	159	
217	169	112		302	239		80
218	170		58	303	240	160	
219	171	113		304	241		81
220	172	114		305	242	161	
221	173		59	306	243	162	
222	174	115		308	244		82
224	175	116		309	245	163	
225	176	117		310	246	164	
226	177	118		312	247	165	
228	178	119		314	248	166	
230	179		60	315	249	167	
231	180	120		316	250	168	
232	181		61	318	251	169	
234	182	121		319	252		83
235	183	122		320	253		84
236	184		62	321	254	170	
237	185	123		322	255		85
238	186		63	323	256	171	
240	187	124		324	257	172	
242	188	125		325	258	173	
243	189	126		326	259		86
244	190	127		327	260	174	
245	191		64	328	261		87
246	192	128		329	262	175	
247	193		65	330	263	176	
248	194	129		332	264	177	
249	195	130		333	265	178	
250	196		66	334	266	179	
252	197	131		335	267		88
253	198	132		336	268	180	
254	199		67	338	269	181	

339	270	182		423	340	231	
340	271		89	424	341	232	
341	272	183		425	342		110
342	273	184		426	343	233	
343	274	185		427	344		111
344	275		90	428	345	234	
345	276	186		429	346	235	
346	277		91	430	347		112
348	278	187		432	348	236	
350	279	188		434	349		113
351	280	189		435	350	237	
352	281	190		436	351		114
354	282	191		437	352	238	
355	283		92	438	353	239	
356	284	192		440	354	240	
357	285	193		441	355	241	
358	286	194		442	356	242	
360	287	195		444	357	243	
361	288	196		445	358		115
362	289		93	446	359	244	
363	290	197		447	360	245	
364	291		94	448	361	246	
365	292	198		450	362	247	
366	293	199		451	363	248	
368	294		95	452	364		116
369	295	200		453	365	249	
370	296	201		454	366		117
371	297		96	455	367	250	
372	298	202		456	368	251	
374	299	203		458	369		118
375	300	204		459	370	252	
376	301	205		460	371	253	
377	302		97	462	372	254	
378	303	206		464	373	255	
380	304		98	465	374	256	
381	305	207		466	375	257	
382	306		99	468	376	258	
384	307	208		469	377		119
385	308	209		470	378		120
386	309		100	471	379	259	
387	310	210		472	380		121
388	311		101	473	381	260	
390	312	211		474	382	261	
391	313		102	475	383	262	
392	314	212		476	384		122
393	315	213		477	385	263	
394	316	214		478	386		123
395	317		103	480	387	264	
396	318	215		481	388		124
398	319	216		482	389	265	
399	320	217		483	390	266	
400	321	218		484	391	267	
402	322	219		485	392		125
403	323		104	486	393	268	
404	324	220		488	394	269	
405	325	221		489	395	270	
406	326	222		490	396		126
407	327		105	492	397	271	
408	328	223		493	398	272	
410	329		106	494	399		127
411	330	224		495	400	273	
412	331		107	496	401		128
413	332	225		497	402	274	
414	333	226		498	403	275	
415	334	227		500	404		129
416	335		108	501	405	276	
417	336	228		502	406		130
418	337		109	504	407	277	
420	338	229		505	408	278	
422	339	230		---> 506	409		131

## Note 2:

QuranCode research method P\_PivotConsecutiveVerses  
in Abjad\_Gematria without bismAllah with pivot = 16  
produces all verses of chapter 112 in reverse order.

M	N	M*N	P	MN+P	
1	31	31	2	33	
2	30	60	3	63	
3	29	87	5	92	
4	28	112	7	119	
5	27	135	11	146	
6	26	156	13	169	
7	25	175	17	192	
8	24	192	19	211	
9	23	207	23	230	
10	22	220	29	249	220 = قل هو الله احد
11	21	231	31	262	231 = الله الصمد
12	20	240	37	277	240 = لم يلد ولم يولد
13	19	247	41	288	
14	18	252	43	295	
15	17	255	47	302	
---> 16	16	256	53	309	[pattern 8]
17	15	255	59	314	
18	14	252	61	313	
19	13	247	67	314	
20	12	240	71	311	240 = لم يلد ولم يولد 311 = ولم يكن له كفوا احد
21	11	231	73	304	231 = الله الصمد
22	10	220	79	299	220 = قل هو الله احد
23	9	207	83	290	
24	8	192	89	281	
25	7	175	97	272	
26	6	156	101	257	
27	5	135	103	238	
28	4	112	107	219	
29	3	87	109	196	
30	2	60	113	173	
31	1	31	127	158	
Sum	496	496	1720	7176	

where 496 is the 3rd perfect number

[sum of proper divisors = 1+2+4+8+16+31+62+124+248 = 496]

and 1720 = sum of the 10 non-additive primes up to 506 with digit sum = 10

1720 = 19 + 37 + 73 + 109 + 127 + 163 + 181 + 271 + 307 + 433

## Note 3:

Sum points to 506 + AC114 sum via verses per chapter:

506 + 114 = 620 = 2 × 2 × 5 × 31

Chapter verses: 286 + 286 + 120 + 34 = 726 = 506 + 220 = 506 + AC114

Double sum points to double 506 via verses per chapter:

2 × 620 = 1240 = 2 × 2 × 2 × 5 × 31

Chapter verses: 286 + 286 + 286 + 120 + 34 = 2×506

## Note 4:

Difference is divisible by double seven (2×7):

[pattern 21b note 1]

506 - 114 = 392 = 2×2×2×7×7

Concatenations are divisible by double seven (2×7):

[pattern 21b note 1]

R2L: 506114 = 2×7×36151

L2R: 114506 = 2×7× 8179

## Note 5:

Chapters in the Quran = Letters in the last 7 verses of the Quran = 114

Letters in chapter The Key = Letters in the first 7 verses of the Quran = 139

506 ÷ 2 = 253 = 114 + 139



Note 6:

There are 30 primes up to 114  
 $C_{19} = 30$   
 $P_{19} = 67$   
 $30 + 67 = 97$  is  $4n+1$  prime [pattern 449b]  
  
There are 96 primes up to 506  
 $C_{71} = 96$   
 $P_{71} = 353$   
 $96 + 353 = 449$  is  $4n+1$  prime [pattern 449b]

Note 7:

Chapter 53 has 62 verses where  $5 = P_3$  and  $6 = C_2$   
Chapter 47 has 38 verses where  $P_4 = 7$  and  $C_3 = 8$   
+        ---        ---  
Sum     100       100

Pattern 506b:

There are 8 prime sums of three consecutive primes up to 114. Their sum = 514  
There are 8 prime sums of three consecutive composites up to 114. Their sum = 514  
where  $514 - 8 = 506$   
and  $514 = AC_{283}$  where 283 is the largest prime verse in chapter 2

Sums of three consecutive primes:

#	P1	P2	P3	Sum	Prime	Composite
1	2	3	5	10		10
2	3	5	7	15		15
3	5	7	11	23	23	
4	7	11	13	31	31	
5	11	13	17	41	41	
6	13	17	19	49		49
7	17	19	23	59	59	
8	19	23	29	71	71	
9	23	29	31	83	83	
10	29	31	37	97	97	
11	31	37	41	109	109	
Sum	160	195	233	588	514	74

Sums of three consecutive composites:

#	C1	C2	C3	Sum	Prime	Composite
1	4	6	8	18		18
2	6	8	9	23	23	
3	8	9	10	27		27
4	9	10	12	31	31	
5	10	12	14	36		36
6	12	14	15	41	41	
7	14	15	16	45		45
8	15	16	18	49		49
9	16	18	20	54		54
10	18	20	21	59	59	
11	20	21	22	63		63
12	21	22	24	67	67	
13	22	24	25	71	71	
14	24	25	26	75		75
15	25	26	27	78		78
16	26	27	28	81		81
17	27	28	30	85		85
18	28	30	32	90		90
19	30	32	33	95		95
20	32	33	34	99		99
21	33	34	35	102		102
22	34	35	36	105		105
23	35	36	38	109	109	
24	36	38	39	113	113	

Sum	505	539	572	1616	514	1102
-----	-----	-----	-----	------	-----	------

Here are the three tables for the:

Sums of 3 Consecutive Primes as Chapters,  
Prime Sums of 3 Consecutive Primes as Chapters, and  
Composite Sums of 3 Consecutive Primes as Chapters.

#	Name	C	V		
1	يونس	10	109		
2	الحجر	15	99		
3	المؤمنون		23	118	
4	لقمان	31	34		
5	فصلت	41	54		
6	الحجرات		49	18	
7	الحشر	59	24		
8	نوح	71	28		
9	المطففين		83	36	
10	القدر	97	5		
11	الكافرون		109	6	
-----Sum-----Diff					
Sum		588	531	1119	57

Note 1: First sum is 10 and last sum 109 where chapter 10 has 109 verses.

#	Name	C	V		
1	المؤمنون		23	118	
2	لقمان	31	34		
3	فصلت	41	54		
4	الحشر	59	24		
5	نوح	71	28		
6	المطففين		83	36	
7	القدر	97	5		
8	الكافرون		109	6	
-----Sum-----Diff					
Sum		514	305	819	209

Note 2: 819 may point to P8 = 19

#	Name	C	V		
1	يونس	10	109		
2	الحجر	15	99		
3	الحجرات		49	18	
-----Sum-----Diff					
Sum		74	226	300	192

And next are the three tables for the:

Sums of 3 Consecutive Composites as Chapters,  
Prime Sums of 3 Consecutive Composites as Chapters, and  
Composite Sums of 3 Consecutive Composites as Chapters.

#	Name	C	V		
1	الكهف	18	110		
2	المؤمنون		23	118	
3	النمل	27	93		
4	لقمان	31	34		
5	يس	36	83		
6	فصلت	41	54		
7	الجاثية		45	37	
8	الحجرات		49	18	
9	القمر	54	55		
10	الحشر	59	24		
11	المنافقون		63	11	
12	الملك	67	30		
13	نوح	71	28		
14	القيامة		75	40	
15	النبأ	78	40		
16	التكوير		81	29	
17	البروج	85	22		
18	البلد	90	20		
19	التين	95	8		
20	الزلزلة		99	8	
21	التكاثف		102	8	
22	الفيل	105	5		
23	الكافرون		109	6	
24	الفلق	113	5		
-----Sum-----Diff					
Sum		1616	886	2502	730

#	Name	C	V		
1	المؤمنون		23	118	
2	لقمان	31	34		
3	فصلت	41	54		
4	الحشر	59	24		
5	الملك	67	30		
6	نوح	71	28		
7	الكافرون		109	6	
8	الفلق	113	5		
-----Sum-----Diff					
Sum		514	299	813	215

#	Name	C	V		
1	الكهف	18	110		
2	النمل	27	93		
3	يس	36	83		
4	الجاثية		45	37	
5	الحجرات		49	18	
6	القمر	54	55		
7	المنافقون		63	11	
8	القيامة		75	40	
9	النبأ	78	40		
10	التكوير		81	29	
11	البروج	85	22		
12	البلد	90	20		
13	التين	95	8		
14	الزلزلة		99	8	
15	التكاثف		102	8	
16	الفيل	105	5		
-----Sum-----Diff					
Sum		1102	587	1689	515



810 = Sum of Alphabet\_Primes values of letters UNUSED in Quran 1:1 بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
(In the Name of Allah, the merciful everywhere, the merciful everywhen.)

#	Letter	Alphabet_Primes
1	ا	5
2	ب	7
3	ج	11
4	د	17
5	هـ	19
6	و	23
7	ز	31
8	ح	41
9	ط	43
10	ق	47
11	ك	53
12	ل	59
13	م	61
14	ن	67
15	ي	71
16	ق	73
17	ك	79
18	و	103
-----		
Sum	810	where C810 = 975
-----		

This is a proof of completeness of the Primalogy System discovered by Ali Adams in 2008.  
The correctness of the Primalogy system has already been proven in  
<http://heliwave.com/Primalogy.pdf>

Furthermore, using Simplified29 system:

811 = Sum of Alphabet\_Primes1 values of letters UNUSED in Quran 1:1 بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
(In the Name of Allah, the merciful everywhere, the merciful everywhen.)

#	Letter	Value
1	ء	1
2	ا	5
3	ب	7
4	ج	11
5	د	17
6	هـ	19
7	و	23
8	ز	31
9	ح	41
10	ط	43
11	ق	47
12	ك	53
13	ل	59
14	م	61
15	ن	67
16	ي	71
17	ق	73
18	ك	79
19	و	103
-----		
190	Sum	811 where DF811 = AC619 = AP114 - AC114 [pattern 114c note 1]
-----		

There are 811 verses with prime sequence. [pattern 114c note 1]

Note 5: The 561st  $4n-1$  composite number = 3143 =  $4 \times 786 - 1$  where

786 = Abjad\_Gematria value of Quran 1:1 بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

(In the Name of Allah, the merciful everywhere, the merciful everywhen.)

Letter Abjad\_Gematria

ب	2
س	60
م	40
ا	1
ل	30
ل	30
ه	5
ا	1
ل	30
ر	200
ح	8
م	40
ن	50
ا	1
ل	30
ر	200
ح	8
ي	10
م	40

Sum 786  $4 \times 786 - 1$  = 561st  $4n-1$  composite number

Note 6: The word "الله" (Allah) has a right-to-left concatenation of the digit sums of the Abjad\_Gematria values = 975th  $4n-1$  composite number:

Letter	Abjad_Gematria	DigitSum
ا	1	1
ل	30	3
ل	30	3
ه	5	5

R2L Concatenation 5331 = 975th  $4n-1$  composite number

Note 7: The word "محمد" (Muhammed) has and Abjad\_Gematria value of 92 where 561 = 92nd  $4n+1$  composite number:

Letter Abjad\_Gematria

م	40
ح	8
م	40
د	4

Sum 92 92nd  $4n+1$  composite number = 561

Note 8: 561 = Sum(1..33) where

Quran 33:33 is the purification verse of Muhammed and his progeny (peace be upon them). Quran 33:33 is split perfectly across golden ratio boundaries into two sentences.

وَقَرْنَ فِي بُيُوتِكُنَّ وَلَا تَبَرَّجْنَ تَبَرُّجَ الْجَاهِلِيَّةِ الْأُولَىٰ وَأَقِمْنَ الصَّلَاةَ وَآتِينَ الزَّكَاةَ وَأَطِعْنَ اللَّهَ وَرَسُولَهُ  
إِنَّمَا يُرِيدُ اللَّهُ لِيُذْهِبَ عَنْكُمُ الرِّجْسَ أَهْلَ الْبَيْتِ وَيُطَهِّرَكُمْ تَطْهِيرًا

"Stay in your houses and do not flaunt your finery like the former [days of pagan] ignorance. Maintain the prayer and pay the zakat, and obey Allah and His Messenger. Indeed Allah desires to repel all impurity from you, O People of the Household, and purify you with a thorough purification."

Note 9: 561 is the first Carmichael number that passes the Fermat primality test as prime but is not prime ( $561 = 3 \times 11 \times 17$ ).

Carmichael Numbers or Fermat Pseudoprimes

[http://en.wikipedia.org/wiki/Carmichael\\_number](http://en.wikipedia.org/wiki/Carmichael_number)

A composite number  $n$  which satisfies the modular arithmetic congruence relation:  
 $b^n - 1 \equiv 1 \pmod{n}$  for all integers  $1 < b < n$  which are relatively prime to  $n$ .

Carmichael numbers are annoying because they pass the Fermat primality test but are not actually prime.

<http://oeis.org/A002997>

561, 1105, 1729, 2465, 2821, 6601, 8911, 10585, 15841, 29341, 41041, 46657, 52633, 62745, 63973, 75361, 101101, 115921, 126217, 162401, 172081, 188461, 252601, 278545, 294409, 314821, 334153, 340561, 399001, 410041, 449065, 488881, 512461, ...

Note 10: 561 = 67th sphenic number (three distinct prime factors) where 67 = P19:

Using <http://heliwave.com/Composites.zip>

How many factros-per-number to find? 3

Duplicate factors, unique, or any (d/u/a)? u

Maximum number to factor? 561

#	N	C	AC	XC	Factors		
1	30	19		8	2	3	5
2	42	28	17		2	3	7
3	66	47	30		2	3	11
4	70	50		18	2	5	7
5	78	56	36		2	3	13
6	102	75		26	2	3	17
7	105	77	50		3	5	7
8	110	80		29	2	5	11
9	114	83	53		2	3	19
10	130	98	62		2	5	13
11	138	104	67		2	3	23
12	154	117	76		2	7	11
13	165	126	82		3	5	11
14	170	130	85		2	5	17
15	174	133	88		2	3	29
16	182	139		47	2	7	13
17	186	143	95		2	3	31
18	190	147	98		2	5	19
19	195	150	101		3	5	13
20	222	174	115		2	3	37
21	230	179		60	2	5	23
22	231	180	120		3	7	11
23	238	186		63	2	7	17
24	246	192	128		2	3	41
25	255	200	133		3	5	17
26	258	202	134		2	3	43
27	266	209	140		2	7	19
28	273	214	144		3	7	13
29	282	221	149		2	3	47
30	285	223	151		3	5	19
31	286	224	152		2	11	13
32	290	228		75	2	5	29
33	310	246	164		2	5	31
34	318	251	169		2	3	53
35	322	255		85	2	7	23
36	345	276	186		3	5	23
37	354	282	191		2	3	59
38	357	285	193		3	7	17
39	366	293	199		2	3	61
40	370	296	201		2	5	37
41	374	299	203		2	11	17
42	385	308	209		5	7	11
43	399	320	217		3	7	19
44	402	322	219		2	3	67
45	406	326	222		2	7	29

46	410	329		106	2	5	41
47	418	337		109	2	11	19
48	426	343	233		2	3	71
49	429	346	235		3	11	13
50	430	347		112	2	5	43
51	434	349		113	2	7	31
52	435	350	237		3	5	29
53	438	353	239		2	3	73
54	442	356	242		2	13	17
55	455	367	250		5	7	13
56	465	374	256		3	5	31
57	470	378		120	2	5	47
58	474	382	261		2	3	79
59	483	390	266		3	7	23
60	494	399		127	2	13	19
61	498	403	275		2	3	83
62	506	409		131	2	11	23
63	518	420	285		2	7	37
64	530	430	292		2	5	53
65	534	434	295		2	3	89
66	555	453	307		3	5	37
--> 67	561	458	310		3	11	17

Note 11: The first names of the 12 Imams of Islam are:

علي حسن حسين علي محمد جعفر موسى علي محمد علي حسن محمد

Ali, Hasan, Husein, Ali, Muhammed, Jafar, Musa, Ali, Muhammed, Ali, Hasan, Muhammed.

561 = Sum of Abjad\_Gematria values of letters USED in the first names of the 12 Imams:

#	Letter	Abjad_Gematria
1	ع	70
2	ل	30
3	ي	10
4	ح	8
5	س	60
6	ن	50
7	م	40
8	د	4
9	ج	3
10	ف	80
11	ر	200
12	و	6
Sum		561

Note 12: 5 Imams + 6 Imam + 1 Imm = 12 Imams of Islam

There are exactly 5 occurrences of the word Imams (أئمة) in the Quran.

There are exactly 6 occurrences of the word Imam (إمام) in the Quran.

There is exactly 1 occurrence of the word Imm (إمم) in the Quran.



-----  
Pattern 619  
-----

Pattern 619a: 619 is the 114th prime number and  $6 \times 19 = 114$

619 = P114  
 $6 \times 19 = 114$

where:

Quran 74:30 "Guarded by nineteen."  
Chapter 114 has 6 verses  
Digit sum of 114 =  $1+1+4 = 6$   
All prime numbers =  $6n+1$  or  $6n-1$ .

114 = C83 = AC53  
319 = C252 = XC83  
619 = P114 = XP53

Note 1: P619 = 4567 with 4 5 6 7 in order.  
C619 = 753 with odd numbers in reverse order.

Note 2:  $619^{114} = 319$  digits number [pattern 319a]  
17895094176505620351005007198776163300180065879624630164518028602030000759743640157607777  
43539459121670921820714043268507540283621253602198272994827559646127695600981086594257955  
35054257268551708653359754512616749584613169384289614385458404554560615906068000981851197  
8548221537347743658271164279170910759485028876617721

Note 3:  $319^{114} = 286$  digits composite = number of verses of chapter 2  
27048168827589754353857802820371913896169115891501231457674978816821888499711771548376309  
15754921733057592857888548604811209058325065756421873417253581588695242331285235893674840  
00825676816476187703735308226204350354711760301937098416128579238517877706789009017802742  
9000677001662529921

Note 4:  $114^{619} = 1274$  digits composite  
16753400754230725132815019847291572814904481957349391131466620116982577466191473505734000  
00306712107264205158353145634283564718568065480482151653217541760488858090708803515809998  
46038425115385152080219288364386897486548683427192708023387361595001963898805572965272900  
34398030988804616203857282236302803437260271736640450535251769767346796815475170128075733  
67680803589098663985569942072229714095698289858048802361669909305154100578074237395623917  
13740352591730885570866189389735649876763491703723024306048620752750738200224462755976864  
12732809267835341235322953046469444987190485712793653646483102554061415850943697493778763  
11350445739878729016825289834238814179578328783377464970567743507038843228303740221840766  
75014679597728722090171243783529794101566379433841825715472234181133983553622226057458017  
71869560133126013440951641807080933594807097569335513823406720576467103395953299586741577  
39506907627463453821017304970527591018025373243035746392202146882186354180933899046022746  
90875217879354392371205525767098514387775336883803978792750500281092587265977234217609788  
66187220131562595522062291497295495577986661634250918690586630368413180977696117297790667  
87822879310954433414906026064916323007566035861010174454803730905405694342853352188770603  
0368632095105454581779267584

and  $(114^{619}) - (619^{114}) = 1274$  digits probable prime  
16753400754230725132815019847291572814904481957349391131466620116982577466191473505734000  
00306712107264205158353145634283564718568065480482151653217541760488858090708803515809998  
46038425115385152080219288364386897486548683427192708023387361595001963898805572965272900  
34398030988804616203857282236302803437260271736640450535251769767346796815475170128075733  
67680803589098663985569942072229714095698289858048802361669909305154100578074237395623917  
13740352591730885570866189389735649876763491703723024306048620752750738200224462755976864  
12732809267835341235322953046469444987190485712793653646483102554061415850943697493778763  
11350445739878729016825289834238814179578328783377464970567743507038843228303740221840766  
75014679597728722090171243783529794101566379433841825715472234181133983553622226057458017  
71869560133126013440951641807080933594807097569335513823406720576467103395953299586741577  
39506907627463453821017304970527591018025373243035746392202146882007403239168842842512696  
83676441716054212305325901136933996359173306883044235152592892503657192674760524999402648  
22918712591278974268460093224300668018340533938649937603992372413062638405010600211257070  
33310262561369820245521736450530864603011475245104106453821879707550872189118577822943486  
6089461184345969552902649863

Note 5: { 1, 6, 9 }

619 = P114 [6×19 = 114]  
 169 = 13×13 [square number]  
 196 = 14×14 [square number]  
 961 = 31×31 [square number]  
 691 = P125 [125 = 5×5×5 cubic number]  
 916 = 4×229 [229 4-chapter groups with chapter sum = verse sum = 229, pattern 229]

Note 6: 19 = 4!-3!+2!-1!  
 139 = 5!+4!-3!+2!-1!  
 619 = 6!-5!+4!-3!+2!-1!

Note 7: 6+19+114 = 139 [letters in The Key]

Note 8: 114 = 1 + 113  
 P114 = P1 + P113  
 619 = 2 + 617

Note 9: "There is no god but Allah. Muhammed is the Messenger of Allah."

الله محمد رسول الله لا اله الا الله Frequency\_Linear value = 114

الله محمد رسول الله لا اله الا الله Abjad\_Gematria value = 619

Note 10: "There is no god but Allah. Muhammed is the Messenger of Allah.

Ali is the Patron of Allah."

الله محمد رسول الله لا اله الا الله has a Frequency\_4n+1 value = 2×619 = C1034  
 where 1034 is the Alphabet\_Primes1 value of بسم الله الرحمن الرحيم

Note 11: 619 ÷ 114 = 5.4(298245614035087719) recurring digits  
 where 298245614035087719 = 3×3×3×7×11×13×17×37×52579×333667  
 where 333667 is the sum of verse numbers in the Quran.

Pattern 619b:

Prime-composite index chain for 114 is 19 where P=0 and C=1 in left-to-right direction.  
 Composite/Prime index chain for 114 is 6 where C=0 and P=1 in right-to-left direction.

114=C83  
 83=P23  
 23=P9  
 9=C4  
 4=C1

Left-to-right:

P=0 C=1 PC> = CPPCC = 10011 = 19

C=0 P=1 CP> = CPPCC = 01100 = 12 12 = C6 and P12 = 37

Right-to-left:

P=0 C=1 PC< = CCPPC = 11001 = 25 C25 = 2×19 and AC25 = 3×19 where 2×3 = 6

C=0 P=1 CP< = CCPPC = 00110 = 6

Chain length of (83->23->9->4->1) = 5

Chain binary value =  $n^2 - 1$  where n = chain length.

Chain binary value of 114 =  $5^2 - 1 = 31$  (19+12 = 25+6).

Sum of primes up to 114 with chain length of 5 = 619  
 Sum of additive primes up to 114 with chain length of 5 = 333  
 Sum of composites up to 114 with chain length of 5 = 771  
 Sum of additive composites up to 114 with chain length of 5 = 604  
 Sum of all numbers up to 114 with chain length of 5 = 1390

Note 1: Sum of primes up to 114 with chain length of 5:

29 + 31 + 47 + 67 + 73 + 79 + 89 + 101 + 103 = 619

Note 2: Sum of additive composites with chain length of 5:

18 + 33 + 36 + 39 + 40 + 51 + 54 + 62 + 75 + 82 + 114 = 604 = Quran Pages.

Note 3: Sum of maximum binary values for all chain lengths up to 5:

1 + 11 + 111 + 1111 + 11111  
 1 + 3 + 7 + 15 + 31 = 57 [Pattern 9]

Note 4: Chain length of (thousand thousand) 1000000 = 57 [Pattern 9]



4	63	11	184	806	12	66	8	66	152	19×8
5	71	28	230	971	25	80	5	80	190	19×10
6	100	11	44	183	7	12	7	12	38	19×2
-----										
Sum	339	268	3398	14257	304	1079	179	1079	2641	
	3×113	2×2×67	2×1699	53×269	16×19	13×83	179	13×83	19×139	

Note 1: The Alphabet\_Primes1 value of the word Muhammed = 210 = 2×3×5×7 (first 4 primes).

Note 2: Chapter 63 contains 19×8 Muhammed letters where 19 is the 8th prime number where Muhammed (pbuh+f) was martyred at the age of 63 lunar years.

Pattern 619f: Total number of letters in the last word of each chapter (114 words) = 619.

Chap	Last Word	Letters
-----		
1	الضَّالِّينَ	7
2	الْكَافِرِينَ	7
3	تُفْلِحُونَ	6
4	عَلِيمٌ	4
5	قَدِيرٌ	4
6	رَحِيمٌ	4
7	يَسْجُدُونَ	6
8	عَلِيمٌ	4
9	الْعَظِيمِ	6
10	الْحَكِيمِينَ	7
11	تَعْمَلُونَ	6
12	يُؤْمِنُونَ	6
13	الْكَثِيرِ	5
14	الْأَلْبِيبِ	6
15	الْيَقِينِ	6
16	مُخْسِنُونَ	6
17	تَكْبِيرًا	6
18	أَحَدًا	4
19	رُكُزًا	4
20	أَمْتَدَى	5
21	تَصِفُونَ	5
22	النَّصِيرِ	6
23	الزَّحَمِينَ	7
24	عَلِيمٌ	4
25	لِزَامًا	5
26	يَنْقَلِبُونَ	7
27	تَعْمَلُونَ	6
28	تَرْجِعُونَ	6
29	الْمُخْسِنِينَ	8
30	يُوقِنُونَ	6
31	خَبِيرٌ	4
32	مُنْتَظَرُونَ	7
33	رَحِيمًا	5
34	مُرِيدٌ	4
35	بَصِيرًا	5
36	تَرْجِعُونَ	6
37	الْعَلَمِينَ	7
38	حِينَ	3
39	الْعَلَمِينَ	7
40	الْكَافِرُونَ	7
41	مُحِيطٌ	4
42	الْأُمُورِ	6
43	يَعْلَمُونَ	6
44	مُزْتَقِبُونَ	7
45	الْحَكِيمِ	6
46	الْفُسْقُونَ	7
47	أَمَّا لَكُمْ	6
48	عَظِيمًا	5
49	تَعْمَلُونَ	6
50	وَعِيدٌ	4
51	يُوعَدُونَ	6
52	النَّجُومِ	6
53	وَأَعْبُدُوا	7
54	مُقْتَدِرٌ	5

55	وَالْأَكْزَامِ	8
56	الْعَظِيمِ 6	
57	الْعَظِيمِ 6	
58	الْمُفْلِحُونَ	8
59	الْحَكِيمِ 6	
60	الْقُبُورِ 6	
61	ظَهْرَيْنِ 5	
62	الرُّزْقَيْنِ 7	
63	تَعْمَلُونَ 6	
64	الْحَكِيمِ 6	
65	عَلَمًا 4	
66	الْقَنِينَ 7	
67	مُعِينِ 4	
68	لِّلْعَلَمِينَ 7	
69	الْعَظِيمِ 6	
70	يُوعِدُونَ 6	
71	تَبَارًا 5	
72	عَذَابًا 4	
73	رُحِيمٍ 4	
74	الْمَغْفِرَةِ 7	
75	الْمُؤْتَى 6	
76	الْيَمِينِ 5	
77	يُؤْمِنُونَ 6	
78	ثَرَابًا 4	
79	مُخَيَّطًا 5	
80	الْفَجْرِ 6	
81	الْعَلَمِينَ 7	
82	لِللَّهِ 3	
83	يَفْعَلُونَ 6	
84	مَمْلُوءٍ 5	
85	مُحْفُوظٍ 5	
86	رُؤُوسًا 5	
87	وَمُوسَى 5	
88	حَسَابِهِمْ 6	
89	جَنَّتِي 4	
90	مُؤَصَّدَةٍ 5	
91	عَقِبَهَا 5	
92	يَرْضَى 4	
93	فَحَدَّثَ 4	
94	فَارْغَبَ 5	
95	الْحَكِيمِينَ 7	
96	وَأَقْرَبَ 6	
97	الْفَجْرِ 5	
98	رَبِّهِ 3	
99	بِرِّهِ 3	
100	لُخْبِيرٍ 5	
101	خَامِيَةٍ 5	
102	الْتَّعِيمِ 6	
103	بِالصَّبْرِ 6	
104	مُمَدَّدَةٍ 5	
105	مَأْكُولٍ 5	
106	خَوْفٍ 3	
107	الْمَاعُونَ 7	
108	الْأَبْنَرُ 6	
109	دِينِ 3	
110	تَوَابًا 5	
111	مُسَدِّ 3	
112	أَحَدٍ 3	
113	حَسَدٍ 3	
114	وَالنَّاسِ 6	
-----		
Sum	114	619
-----		

Pattern 619g:

Sum of letter frequencies of "كتاب الله" in all verses numbered 114 = 619.

## Pattern 619h:

Arranging the 114 chapters of the Quran in a 6x19 matrix  
and assigning:

0 to non-initialized chapters

1 to initialized chapters

2 to doubly-initialized chapter

and summing up their binary and tertiary values produces:

1) binary sum = 74 where Quran 74:30 "Guarded by nineteen."

2) tertiary sum = double binary sum = 148

## Base-2 Numbering System (Binary)

0	1	1	0	0	0	1	0	0	1	1	1	1
1	1	0	0	0	1							
1	0	0	0	0	0	1	1	1	1	1	1	1
0	0	0	1	0	1							
0	1	1	2	1	1	1	1	0	0	0	1	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0							
2	5	5	8	4	4	7	6	2	3	11	7	3
1	1	0	2	0	3	Sum = 74						

## Base-3 Numbering System (Tertiary)

0	1	1	0	0	0	1	0	0	1	1	1	1
1	1	0	0	0	1							
1	0	0	0	0	0	1	1	1	1	1	1	1
0	0	0	1	0	1							
0	1	1	2	1	1	1	1	0	0	0	1	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0							
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0							
3	10	10	18	9	9	13	12	3	4	31	13	4
1	1	0	3	0	4	Sum = 148						

Note 1: 148 = Frequency\_Linear value of the 14 initial letters

(ق ي ر ع س ن م ل ك ي ط ح ه ا).

Note 2: 74 = XC19 = DF57 (19th non-additive composite = 57th deficient number)

148 = C113 = DF113 (113th composite = 113th deficient number)

There are 19 indices where CIndex = DFIndex

#	index	C	DF
1	110	145	145
2	111	146	146
3	112	147	147
4	113	148	148 <---
5	123	161	161
6	125	164	164
7	126	165	165
8	127	166	166
9	129	169	169
10	130	170	170
11	131	171	171
12	132	172	172

13	134	175	175
14	139	182	182
15	140	183	183
16	141	184	184
17	142	185	185
18	149	194	194
19	150	195	195

-----  
Sum 190 2464 3222 3222  
-----

-----  
7, 29 and 729  
-----

Pattern 729a:

Quran's first 7 verses = 29 words

where 7 = AP29

Pattern 729b:

Quran's first 7 words = 29 letters

where 7 = AP29

Pattern 729c:

Quran's last 7 verses = 29 words

where 7 = AP29

Pattern 729d:

Quran's last 7 words = 29 letters

where 7 = AP29

Pattern 729e:

First words of first 7 verses = 29 letters

where 7 = AP29

Pattern 729f:

916 - 619 = 297

Pattern 729g:

There are 102 overlapping ranges of 7 verses 29 words that may represent a light absorption/emission spectrum by their Number along the Quran's 6236 verses line.

Range	#	Number	C	V	W	L	Value	Text
-----								
1	1	1	1	1	4	19	1034	بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
	2	2	1	2	4	17	1027	الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ
	3	3	1	3	2	12	636	الرَّحْمَنِ الرَّحِيمِ
	4	4	1	4	3	11	858	مَلِكِ يَوْمِ الدِّينِ
	5	5	1	5	4	19	1067	إِيَّاكَ نَعْبُدُ وَإِيَّاكَ نَسْتَعِينُ
	6	6	1	6	3	18	916	اهْدِنَا الصِّرَاطَ الْمُسْتَقِيمَ
	7	7	1	7	9	43	2779	صِرَاطَ الَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ الْمَغْضُوبِ عَلَيْهِمْ وَلَا الضَّالِّينَ
2	8	3	1	3	2	12	636	الرَّحْمَنِ الرَّحِيمِ
	9	4	1	4	3	11	858	مَلِكِ يَوْمِ الدِّينِ
	10	5	1	5	4	19	1067	إِيَّاكَ نَعْبُدُ وَإِيَّاكَ نَسْتَعِينُ
	11	6	1	6	3	18	916	اهْدِنَا الصِّرَاطَ الْمُسْتَقِيمَ
	12	7	1	7	9	43	2779	صِرَاطَ الَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ الْمَغْضُوبِ عَلَيْهِمْ وَلَا الضَّالِّينَ
3	13	8	2	1	1	3	174	الْم
	14	9	2	2	7	26	1624	ذَٰلِكَ الْكِتَابُ لَا رَيْبَ فِيهِ هُدًى لِّلْمُتَّقِينَ
	15	3026	26	94	4	20	1268	فَكَذَّبُوا بِهَا هُمْ وَآلَاؤُهُمْ
	16	3027	26	95	3	16	928	وَجُنُودَ إِبْلِيسَ أَجْمَعُونَ
	17	3028	26	96	4	19	1298	قَالُوا وَهُمْ فِيهَا يَخْتَصِمُونَ
	18	3029	26	97	6	20	1321	تَاللَّهِ إِن كُنَّا لَفِي ضَلَالٍ مُّبِينٍ
	19	3030	26	98	4	18	1094	إِذْ نَسُوبُكُمْ يَرْبُ الْعَالَمِينَ
	20	3031	26	99	4	19	1015	وَمَا أَضَلُّنَا إِلَّا الْمُجْرِمُونَ
4	21	3032	26	100	4	13	907	فَمَا لَنَا مِن شُعْعِينَ
	22	3150	26	218	4	15	1024	أَلَّذِي يَرْزُقُ حِينَ تَقُومُ
	23	3151	26	219	3	15	880	وَتَقْلِبُنَا فِي السَّجْدِينَ
	24	3152	26	220	4	17	1208	إِنَّهُ هُوَ السَّمِيعُ الْعَلِيمُ
	25	3153	26	221	6	24	1704	هَلْ أُنَبِّئُكُمْ عَلَىٰ مَن تَنْزَلُ الشَّيْطَانُ
	26	3154	26	222	5	17	988	تَنْزَلُ عَلَىٰ كُلِّ آفَاكٍ أَثِيمٌ
	27	3155	26	223	4	22	1450	يُلْقُونَ السَّمْعَ وَأَكْثُرُهُمْ كَاذِبُونَ
	28	3156	26	224	3	20	1042	وَالشُّعْرَاءَ يَتَّبِعُهُمُ الْغَاوُونَ

5	29	3825	37	37	5	22	1039	بَلْ جَاءَ بِالْحَقِّ وَصَدَقَ الْمُرْسَلِينَ
	30	3826	37	38	4	23	1200	إِنَّكُمْ لَذَائِقُوا الْعَذَابِ الْأَلِيمِ
	31	3827	37	39	6	23	1327	وَمَا تُجْزَوْنَ إِلَّا مَا كُنْتُمْ تَعْمَلُونَ
	32	3828	37	40	4	19	962	إِلَّا عِبَادَ اللَّهِ الْمُخْلَصِينَ
	33	3829	37	41	4	16	1205	أُولَئِكَ لَهُمْ رِزْقٌ مَعْلُومٌ
	34	3830	37	42	3	13	1133	فَوَكْبَهُ وَهُمْ مَكْرُمُونَ
	35	3831	37	43	3	11	730	فِي جَنَّتِ النَّعِيمِ
6	36	3864	37	76	5	24	1689	وَنَجَّيْنَاهُ وَأَهْلَهُ مِنَ الْكَرْبِ الْعَظِيمِ
	37	3865	37	77	4	20	1179	وَجَعَلْنَا ذُرِّيَّتَهُ هُمْ الْبَاقِينَ
	38	3866	37	78	4	20	1183	وَتَرَكْنَا عَلَيْهِ فِي الْآخِرِينَ
	39	3867	37	79	5	18	1373	سَلَامٌ عَلَى نُوحٍ فِي الْعَالَمِينَ
	40	3868	37	80	4	19	1136	إِنَّا كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
	41	3869	37	81	4	19	1237	إِنَّهُ مِنْ عِبَادِنَا الْمُؤْمِنِينَ
	42	3870	37	82	3	16	704	ثُمَّ أَغْرَقْنَا الْآخَرِينَ
7	43	3866	37	78	4	20	1183	وَتَرَكْنَا عَلَيْهِ فِي الْآخِرِينَ
	44	3867	37	79	5	18	1373	سَلَامٌ عَلَى نُوحٍ فِي الْعَالَمِينَ
	45	3868	37	80	4	19	1136	إِنَّا كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
	46	3869	37	81	4	19	1237	إِنَّهُ مِنْ عِبَادِنَا الْمُؤْمِنِينَ
	47	3870	37	82	3	16	704	ثُمَّ أَغْرَقْنَا الْآخَرِينَ
	48	3871	37	83	4	17	1117	وَإِنْ مِنْ شَيْعَتِهِ لِإِبْرَاهِيمَ
	49	3872	37	84	5	16	650	إِذْ جَاءَ رَبُّهُ بِقَلْبٍ سَلِيمٍ
8	50	3874	37	86	5	23	1397	أَتَفَكَّرَا فِي الْهَيْئَةِ الَّتِي تَرِيدُونَ
	51	3875	37	87	4	17	1043	فَمَا ظَنُّكُمْ بِرَبِّ الْعَالَمِينَ
	52	3876	37	88	4	16	1105	فَنَنْظُرْ نَظْرًا فِي السُّجُومِ
	53	3877	37	89	3	11	741	فَقَالَ إِنِّي سَقِيمٌ
	54	3878	37	90	3	15	970	فَتَوَلَّوْا عَنْهُ مُدْبِرِينَ
	55	3879	37	91	6	27	1428	فَزَاغَ إِلَى الْهَتَمِ فَقَالَ أَلَا تَأْكُلُونَ
	56	3880	37	92	4	13	855	مَا لَكُمْ لَا تَنْطِقُونَ
9	57	3891	37	103	4	19	1134	فَلَمَّا أَسْلَمَا وَتَلَّ لِلْجَبِينِ
	58	3892	37	104	3	15	1061	وَنَدَيْنَاهُ أَنْ يَا إِبْرَاهِيمُ
	59	3893	37	105	7	31	1592	قَدْ صَدَّقْتَ الرُّيَا إِنَّا كَذَلِكَ نَجْزِي
الْمُحْسِنِينَ								
	60	3894	37	106	5	20	1169	إِنَّ هَذَا لَهُوَ الْبَلَاءُ الْمُبِينُ
	61	3895	37	107	3	14	856	وَقَدَيْنَاهُ بِذُبْحٍ عَظِيمٍ
	62	3896	37	108	4	20	1183	وَتَرَكْنَا عَلَيْهِ فِي الْآخِرِينَ
	63	3897	37	109	3	12	791	سَلَامٌ عَلَى إِبْرَاهِيمَ
10	64	3893	37	105	7	31	1592	قَدْ صَدَّقْتَ الرُّيَا إِنَّا كَذَلِكَ نَجْزِي
الْمُحْسِنِينَ								
	65	3894	37	106	5	20	1169	إِنَّ هَذَا لَهُوَ الْبَلَاءُ الْمُبِينُ
	66	3895	37	107	3	14	856	وَقَدَيْنَاهُ بِذُبْحٍ عَظِيمٍ
	67	3896	37	108	4	20	1183	وَتَرَكْنَا عَلَيْهِ فِي الْآخِرِينَ
	68	3897	37	109	3	12	791	سَلَامٌ عَلَى إِبْرَاهِيمَ
	69	3898	37	110	3	16	1035	كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
	70	3899	37	111	4	19	1237	إِنَّهُ مِنْ عِبَادِنَا الْمُؤْمِنِينَ
11	71	3913	37	125	5	27	1407	أَتَدْعُونَ بَعْلًا وَتَذَرُونَ أَحْسَنَ الْخَالِقِينَ
	72	3914	37	126	5	25	1364	اللَّهُ رَبُّكُمْ وَرَبُّ آبَائِكُمُ الْأُولِينَ
	73	3915	37	127	3	18	1201	فَكَذَّبُوهُ فَأَنَّهُمْ لَمُخْضَرُونَ
	74	3916	37	128	4	19	962	إِلَّا عِبَادَ اللَّهِ الْمُخْلَصِينَ
	75	3917	37	129	4	20	1183	وَتَرَكْنَا عَلَيْهِ فِي الْآخِرِينَ
	76	3918	37	130	4	13	895	سَلَامٌ عَلَى إِبْرَاهِيمَ
	77	3919	37	131	4	19	1136	إِنَّا كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
12	78	3925	37	137	4	22	1569	وَإِنَّكُمْ لَتَمُرُّونَ عَلَيْهِمْ مُصْبِحِينَ
	79	3926	37	138	3	16	961	وَبِالْأَيْلِ أَفَلَا تَعْقِلُونَ
	80	3927	37	139	4	18	1342	وَإِنْ يُؤْنَسَ لِمَنِ الْمُرْسَلِينَ
	81	3928	37	140	5	20	1041	إِذْ أَتَى إِلَى الْفُلْكِ الْمَشْحُونِ
	82	3929	37	141	4	19	1192	فَسَاهَمَ فَكَانَ مِنَ الْمُدْحَضِينَ
	83	3930	37	142	4	19	1305	فَالْتَقَمَهُ الْخَوْثُ وَهُوَ مُلِيمٌ
	84	3931	37	143	5	21	1337	فَلَوْلَا أَنَّهُ كَانَ مِنَ الْمُسَبِّحِينَ
13	85	3938	37	150	6	26	1669	أَمْ خَلَقْنَا الْمَلَائِكَةَ إِنثًا وَهُمْ شَاهِدُونَ
	86	3939	37	151	5	21	1553	أَلَا إِنَّهُمْ مِنْ إَفْكِهَمْ يُقُولُونَ
	87	3940	37	152	4	18	1254	وَلَدَ اللَّهُ وَإِنَّهُمْ لَكَاذِبُونَ
	88	3941	37	153	4	20	1108	أَصْطَفَى الْبَنَاتِ عَلَى الْبَنِينَ
	89	3942	37	154	4	14	985	مَا لَكُمْ كَيْفَ تَحْكُمُونَ
	90	3943	37	155	2	10	494	أَفَلَا تَذَكَّرُونَ
	91	3944	37	156	4	13	908	أَمْ لَكُمْ سُلْطَنٌ مُبِينٌ
14	92	3947	37	159	4	16	992	سُبْحَنَ اللَّهِ عَمَّا يُصِفُونَ
	93	3948	37	160	4	19	962	إِلَّا عِبَادَ اللَّهِ الْمُخْلَصِينَ
	94	3949	37	161	3	14	820	فَإِنَّكُمْ وَمَا تَعْبُدُونَ
	95	3950	37	162	4	16	1016	مَا أَنْتُمْ عَلَيْهِ بِفِتَنِينَ
	96	3951	37	163	5	16	910	إِلَّا مَنْ هُوَ صَالِ الْجَحِيمِ



	97	3952	37	164	6	20	1331	وَمَا مِثْلًا إِلَّا لَهُ مَقَامٌ مَّعْلُومٌ
	98	3953	37	165	3	15	895	وَأِنَّا لَنَخُنُّ الصَّافُونَ
15	99	3952	37	164	6	20	1331	وَمَا مِثْلًا إِلَّا لَهُ مَقَامٌ مَّعْلُومٌ
	100	3953	37	165	3	15	895	وَأِنَّا لَنَخُنُّ الصَّافُونَ
	101	3954	37	166	3	16	921	وَأِنَّا لَنَخُنُّ الْمُسَبِّحُونَ
	102	3955	37	167	3	15	1134	وَإِنْ كَانُوا لَيَقُولُونَ
	103	3956	37	168	6	22	1357	لَوْ أَنَّ عِندَنَا ذِكْرًا مِّنَ الْأُولِينَ
	104	3957	37	169	4	20	1136	لَكُنَّا عِبَادُ اللَّهِ الْمُخْلَصِينَ
	105	3958	37	170	4	18	1281	فَكَفَرُوا بِهِ ۖ فَسَوْفَ يَعْلَمُونَ
16	106	3955	37	167	3	15	1134	وَإِنْ كَانُوا لَيَقُولُونَ
	107	3956	37	168	6	22	1357	لَوْ أَنَّ عِندَنَا ذِكْرًا مِّنَ الْأُولِينَ
	108	3957	37	169	4	20	1136	لَكُنَّا عِبَادُ اللَّهِ الْمُخْلَصِينَ
	109	3958	37	170	4	18	1281	فَكَفَرُوا بِهِ ۖ فَسَوْفَ يَعْلَمُونَ
	110	3959	37	171	5	29	1545	وَلَقَدْ سَبَقَتْ كَلِمَتُنَا لِعِبَادِنَا الْمُرْسَلِينَ
	111	3960	37	172	3	16	1208	إِنَّهُمْ لَهُمُ الْمَنْصُورُونَ
	112	3961	37	173	4	18	1139	وَإِنْ جُنَدْنَا لَهُمُ الْغَالِبُونَ
17	113	4742	52	7	4	13	619	إِنَّ عَذَابَ رَبِّكَ لَوَاقِعٌ
	114	4743	52	8	4	10	614	مَا لَهُ مِنْ دَافِعٍ
	115	4744	52	9	4	17	962	يَوْمَ تَمُورُ السَّمَاءُ مُمْرِرًا
	116	4745	52	10	3	15	640	وَتَسِيرُ الْجِبَالُ سَيْرًا
	117	4746	52	11	3	17	1357	فَوَيْلٌ يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	118	4747	52	12	5	18	1301	الَّذِينَ هُمْ فِي خَوْضٍ يَلْعَبُونَ
	119	4748	52	13	6	21	1386	يَوْمَ يُدْعَوْنَ إِلَىٰ نَارٍ جَهَنَّمَ دَعَا
18	120	4791	53	7	3	15	879	وَهُوَ بِالْأُفُقِ الْأَعْلَىٰ
	121	4792	53	8	3	10	499	ثُمَّ دَنَا فَتَدَلَّىٰ
	122	4793	53	9	5	18	1074	فَكَانَ قَابَ قَوْسَيْنِ أَوْ أَدْنَىٰ
	123	4794	53	10	5	18	988	فَأَوْحَىٰ إِلَىٰ عَبْدِهِ ۖ مَا أَوْحَىٰ
	124	4795	53	11	5	16	705	مَا كَذَبَ الْفُؤَادُ مَا رَأَىٰ
	125	4796	53	12	4	16	1082	أَفْتُمِرُّونَهُ ۖ عَلَيَّ مَا يَرَىٰ
	126	4797	53	13	4	16	878	وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
19	127	4792	53	8	3	10	499	ثُمَّ دَنَا فَتَدَلَّىٰ
	128	4793	53	9	5	18	1074	فَكَانَ قَابَ قَوْسَيْنِ أَوْ أَدْنَىٰ
	129	4794	53	10	5	18	988	فَأَوْحَىٰ إِلَىٰ عَبْدِهِ ۖ مَا أَوْحَىٰ
	130	4795	53	11	5	16	705	مَا كَذَبَ الْفُؤَادُ مَا رَأَىٰ
	131	4796	53	12	4	16	1082	أَفْتُمِرُّونَهُ ۖ عَلَيَّ مَا يَرَىٰ
	132	4797	53	13	4	16	878	وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
	133	4798	53	14	3	14	847	عِنْدَ سِدْرَةِ الْمُنْتَهَىٰ
20	134	4793	53	9	5	18	1074	فَكَانَ قَابَ قَوْسَيْنِ أَوْ أَدْنَىٰ
	135	4794	53	10	5	18	988	فَأَوْحَىٰ إِلَىٰ عَبْدِهِ ۖ مَا أَوْحَىٰ
	136	4795	53	11	5	16	705	مَا كَذَبَ الْفُؤَادُ مَا رَأَىٰ
	137	4796	53	12	4	16	1082	أَفْتُمِرُّونَهُ ۖ عَلَيَّ مَا يَرَىٰ
	138	4797	53	13	4	16	878	وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
	139	4798	53	14	3	14	847	عِنْدَ سِدْرَةِ الْمُنْتَهَىٰ
	140	4799	53	15	3	14	875	عِنْدَهَا جَنَّةُ الْمَأْوَىٰ
21	141	4794	53	10	5	18	988	فَأَوْحَىٰ إِلَىٰ عَبْدِهِ ۖ مَا أَوْحَىٰ
	142	4795	53	11	5	16	705	مَا كَذَبَ الْفُؤَادُ مَا رَأَىٰ
	143	4796	53	12	4	16	1082	أَفْتُمِرُّونَهُ ۖ عَلَيَّ مَا يَرَىٰ
	144	4797	53	13	4	16	878	وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
	145	4798	53	14	3	14	847	عِنْدَ سِدْرَةِ الْمُنْتَهَىٰ
	146	4799	53	15	3	14	875	عِنْدَهَا جَنَّةُ الْمَأْوَىٰ
	147	4800	53	16	5	18	1031	إِذْ يَغْشَى السِّدْرَةَ مَا يَغْشَىٰ
22	148	4795	53	11	5	16	705	مَا كَذَبَ الْفُؤَادُ مَا رَأَىٰ
	149	4796	53	12	4	16	1082	أَفْتُمِرُّونَهُ ۖ عَلَيَّ مَا يَرَىٰ
	150	4797	53	13	4	16	878	وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
	151	4798	53	14	3	14	847	عِنْدَ سِدْرَةِ الْمُنْتَهَىٰ
	152	4799	53	15	3	14	875	عِنْدَهَا جَنَّةُ الْمَأْوَىٰ
	153	4800	53	16	5	18	1031	إِذْ يَغْشَى السِّدْرَةَ مَا يَغْشَىٰ
	154	4801	53	17	5	16	772	مَا زَاغَ الْبَصَرُ وَمَا طَغَىٰ
23	155	4797	53	13	4	16	878	وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
	156	4798	53	14	3	14	847	عِنْدَ سِدْرَةِ الْمُنْتَهَىٰ
	157	4799	53	15	3	14	875	عِنْدَهَا جَنَّةُ الْمَأْوَىٰ
	158	4800	53	16	5	18	1031	إِذْ يَغْشَى السِّدْرَةَ مَا يَغْشَىٰ
	159	4801	53	17	5	16	772	مَا زَاغَ الْبَصَرُ وَمَا طَغَىٰ
	160	4802	53	18	6	21	1050	لَقَدْ رَأَىٰ مِنْ ءَايَاتِ رَبِّهِ الْكُبْرَىٰ
	161	4803	53	19	3	17	864	أَفَرَأَيْتُمْ أَكَلْتُمْ الْبُرْءَىٰ
24	162	4799	53	15	3	14	875	عِنْدَهَا جَنَّةُ الْمَأْوَىٰ
	163	4800	53	16	5	18	1031	إِذْ يَغْشَى السِّدْرَةَ مَا يَغْشَىٰ
	164	4801	53	17	5	16	772	مَا زَاغَ الْبَصَرُ وَمَا طَغَىٰ
	165	4802	53	18	6	21	1050	لَقَدْ رَأَىٰ مِنْ ءَايَاتِ رَبِّهِ الْكُبْرَىٰ
	166	4803	53	19	3	17	864	أَفَرَأَيْتُمْ أَكَلْتُمْ الْبُرْءَىٰ

	167	4804	53	20	3	18	1018	وَمَنْوَةَ الثَّالِثَةِ الْآخِرَىٰ
	168	4805	53	21	4	18	1054	أَلَكُمْ أَلَذَّكَرُ وَلَهُ الْأُنثَىٰ
25	169	4824	53	40	4	13	962	وَأَنْ سَعْبَهُ سَوْفَ يُرَىٰ
	170	4825	53	41	4	19	951	ثُمَّ يُجْزِئُهُ الْجِزَاءُ الْأَوْفَىٰ
	171	4826	53	42	4	16	989	وَأَنْ إِلَىٰ رَبِّكَ أَلْمُنْتَهَىٰ
	172	4827	53	43	4	15	942	وَأَنَّهُ هُوَ أَضْحَكَ وَأَبْكَىٰ
	173	4828	53	44	4	15	832	وَأَنَّهُ هُوَ أَمَاتَ وَأَحْيَا
	174	4829	53	45	5	26	1527	وَأَنَّهُ خَلَقَ الزُّوْجَيْنِ الذَّكَرَ وَالْأُنثَىٰ
	175	4830	53	46	4	13	833	مِنْ نُّطْفَةٍ إِذَا تُمْنَىٰ
26	176	4825	53	41	4	19	951	ثُمَّ يُجْزِئُهُ الْجِزَاءُ الْأَوْفَىٰ
	177	4826	53	42	4	16	989	وَأَنْ إِلَىٰ رَبِّكَ أَلْمُنْتَهَىٰ
	178	4827	53	43	4	15	942	وَأَنَّهُ هُوَ أَضْحَكَ وَأَبْكَىٰ
	179	4828	53	44	4	15	832	وَأَنَّهُ هُوَ أَمَاتَ وَأَحْيَا
	180	4829	53	45	5	26	1527	وَأَنَّهُ خَلَقَ الزُّوْجَيْنِ الذَّكَرَ وَالْأُنثَىٰ
	181	4830	53	46	4	13	833	مِنْ نُّطْفَةٍ إِذَا تُمْنَىٰ
	182	4831	53	47	4	19	1120	وَأَنْ عَلَيْهِ أَلِنُشَاءُ الْآخِرَىٰ
27	183	4826	53	42	4	16	989	وَأَنْ إِلَىٰ رَبِّكَ أَلْمُنْتَهَىٰ
	184	4827	53	43	4	15	942	وَأَنَّهُ هُوَ أَضْحَكَ وَأَبْكَىٰ
	185	4828	53	44	4	15	832	وَأَنَّهُ هُوَ أَمَاتَ وَأَحْيَا
	186	4829	53	45	5	26	1527	وَأَنَّهُ خَلَقَ الزُّوْجَيْنِ الذَّكَرَ وَالْأُنثَىٰ
	187	4830	53	46	4	13	833	مِنْ نُّطْفَةٍ إِذَا تُمْنَىٰ
	188	4831	53	47	4	19	1120	وَأَنْ عَلَيْهِ أَلِنُشَاءُ الْآخِرَىٰ
	189	4832	53	48	4	15	1162	وَأَنَّهُ هُوَ أَغْنَىٰ وَأَقْنَىٰ
28	190	4827	53	43	4	15	942	وَأَنَّهُ هُوَ أَضْحَكَ وَأَبْكَىٰ
	191	4828	53	44	4	15	832	وَأَنَّهُ هُوَ أَمَاتَ وَأَحْيَا
	192	4829	53	45	5	26	1527	وَأَنَّهُ خَلَقَ الزُّوْجَيْنِ الذَّكَرَ وَالْأُنثَىٰ
	193	4830	53	46	4	13	833	مِنْ نُّطْفَةٍ إِذَا تُمْنَىٰ
	194	4831	53	47	4	19	1120	وَأَنْ عَلَيْهِ أَلِنُشَاءُ الْآخِرَىٰ
	195	4832	53	48	4	15	1162	وَأَنَّهُ هُوَ أَغْنَىٰ وَأَقْنَىٰ
	196	4833	53	49	4	14	862	وَأَنَّهُ هُوَ رَبُّ الشَّعَرَىٰ
29	197	4828	53	44	4	15	832	وَأَنَّهُ هُوَ أَمَاتَ وَأَحْيَا
	198	4829	53	45	5	26	1527	وَأَنَّهُ خَلَقَ الزُّوْجَيْنِ الذَّكَرَ وَالْأُنثَىٰ
	199	4830	53	46	4	13	833	مِنْ نُّطْفَةٍ إِذَا تُمْنَىٰ
	200	4831	53	47	4	19	1120	وَأَنْ عَلَيْهِ أَلِنُشَاءُ الْآخِرَىٰ
	201	4832	53	48	4	15	1162	وَأَنَّهُ هُوَ أَغْنَىٰ وَأَقْنَىٰ
	202	4833	53	49	4	14	862	وَأَنَّهُ هُوَ رَبُّ الشَّعَرَىٰ
	203	4834	53	50	4	18	1032	وَأَنَّهُ أَهْلَكَ عَادًا الْأُولَىٰ
30	204	4832	53	48	4	15	1162	وَأَنَّهُ هُوَ أَغْنَىٰ وَأَقْنَىٰ
	205	4833	53	49	4	14	862	وَأَنَّهُ هُوَ رَبُّ الشَّعَرَىٰ
	206	4834	53	50	4	18	1032	وَأَنَّهُ أَهْلَكَ عَادًا الْأُولَىٰ
	207	4835	53	51	3	13	670	وَتُؤْمِدُونَ فَمَا أَتَىٰ
	208	4836	53	52	9	32	2253	وَقَوْمٌ نُّوحٌ مِّن قَبْلُ إِنَّهُمْ كَانُوا هُمْ أَظْلَمَ
وَأُطْعِمُ	209	4837	53	53	2	13	949	وَالْمُؤْتَفِكَةَ أَهْوَىٰ
	210	4838	53	54	3	11	695	فَغَشَّيْهَا مَا غَشَّىٰ
31	211	4833	53	49	4	14	862	وَأَنَّهُ هُوَ رَبُّ الشَّعَرَىٰ
	212	4834	53	50	4	18	1032	وَأَنَّهُ أَهْلَكَ عَادًا الْأُولَىٰ
	213	4835	53	51	3	13	670	وَتُؤْمِدُونَ فَمَا أَتَىٰ
وَأُطْعِمُ	214	4836	53	52	9	32	2253	وَقَوْمٌ نُّوحٌ مِّن قَبْلُ إِنَّهُمْ كَانُوا هُمْ أَظْلَمَ
	215	4837	53	53	2	13	949	وَالْمُؤْتَفِكَةَ أَهْوَىٰ
	216	4838	53	54	3	11	695	فَغَشَّيْهَا مَا غَشَّىٰ
	217	4839	53	55	4	18	620	فَبِأَيِّ آلَاءِ رَبِّكَ تَتَمَارَىٰ
32	218	4842	53	58	6	20	1381	لَيْسَ لَهَا مِنْ دُونِ اللَّهِ كَاشِفَةٌ
	219	4843	53	59	4	19	896	أَقْمِنَ هَذَا الْخَدِيثَ تَعْجَبُونَ
	220	4844	53	60	3	15	922	وَتَضْحَكُونَ وَلَا تَبْكُونَ
	221	4845	53	61	2	10	641	وَأَنْتُمْ سَمِدُونَ
	222	4846	53	62	3	17	805	فَاسْجُدُوا لِلَّهِ وَاعْبُدُوا ﷻ
	223	4847	54	1	4	22	995	أَقْتَرَبَتِ السَّاعَةُ وَانْشَقَّ الْقَمَرُ
	224	4848	54	2	7	32	1905	وَإِنْ يَرَوْا ءَايَةً يُعْرَضُوا وَيَقُولُوا سِحْرٌ
مُسْتَمِرٌّ	225	4843	53	59	4	19	896	أَقْمِنَ هَذَا الْخَدِيثَ تَعْجَبُونَ
33	226	4844	53	60	3	15	922	وَتَضْحَكُونَ وَلَا تَبْكُونَ
	227	4845	53	61	2	10	641	وَأَنْتُمْ سَمِدُونَ
	228	4846	53	62	3	17	805	فَاسْجُدُوا لِلَّهِ وَاعْبُدُوا ﷻ
	229	4847	54	1	4	22	995	أَقْتَرَبَتِ السَّاعَةُ وَانْشَقَّ الْقَمَرُ
	230	4848	54	2	7	32	1905	وَإِنْ يَرَوْا ءَايَةً يُعْرَضُوا وَيَقُولُوا سِحْرٌ
مُسْتَمِرٌّ	231	4849	54	3	6	31	1609	وَكَذَّبُوا وَاتَّبَعُوا أَهْوَاءَهُمْ ۖ وَكُلُّ أُمَّرٍ
مُسْتَقِيرٌّ								

34	232	4897	54	51	6	26	1680	وَلَقَدْ أَهْلَكْنَا أَشْيَاعَكُمْ فَهَلْ مِنْ مُدَكِّرٍ
	233	4898	54	52	5	18	1159	وَكُلُّ شَيْءٍ فَعَلُوهُ فِي الزُّبُرِ
	234	4899	54	53	4	17	1045	وَكُلُّ صَغِيرٍ وَكَبِيرٍ مُسْتَظَرٌّ
	235	4900	54	54	5	18	1176	إِنَّ الْمُنَاقِقِينَ فِي جَنَّتِ وَنَهَرٍ
	236	4901	54	55	6	21	1305	فِي مَقْعَدِ صِدْقٍ عِنْدَ مَلِيكٍ مُقْتَدِرٍ
	237	4902	55	1	1	6	313	الرَّحْمَنُ
	238	4903	55	2	2	10	520	عَلَّمَ الْقُرْآنَ
35	239	4907	55	6	3	18	927	وَالنَّجْمِ وَالشَّجَرِ يَسْجُدَانِ
	240	4908	55	7	4	23	1306	وَالسَّمَاءَ رَفَعَهَا وَوَضَعَ الْمِيزَانَ
	241	4909	55	8	4	17	906	أَلَّا تَطْغَوْا فِي الْمِيزَانِ
	242	4910	55	9	6	34	1838	وَأَقِيمُوا الزُّنْنَ بِالْقِسْطِ وَلَا تُخْسِرُوا
الْمِيزَانَ	243	4911	55	10	3	17	936	وَالْأَرْضَ وَضَعَهَا لِلْأَنَامِ
	244	4912	55	11	5	24	1394	فِيهَا فُكِّهَتْهُ وَالنَّخْلُ ذَاتُ الْأَكْمَامِ
	245	4913	55	12	4	20	1026	وَالْحَبُّ ذُو الْعَصْفِ وَالرُّجَانُ
36	246	4916	55	15	6	20	1102	وَخَلَقَ الْجَانَّ مِنْ مَّارِجٍ مِنْ نَارٍ
	247	4917	55	16	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	248	4918	55	17	4	21	1165	رَبِّ الْمَشْرِقَيْنِ وَرَبِّ الْمَغْرِبَيْنِ
	249	4919	55	18	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	250	4920	55	19	3	17	937	مَرَجَ الْبَحْرَيْنِ يَلْتَقِيَانِ
	251	4921	55	20	4	18	947	بَيْنَهُمَا بَرْزَخٌ لَا يَبْغِيَانِ
	252	4922	55	21	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
37	253	4919	55	18	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	254	4920	55	19	3	17	937	مَرَجَ الْبَحْرَيْنِ يَلْتَقِيَانِ
	255	4921	55	20	4	18	947	بَيْنَهُمَا بَرْزَخٌ لَا يَبْغِيَانِ
	256	4922	55	21	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	257	4923	55	22	4	23	1415	يَخْرُجُ مِنْهُمَا اللَّؤْلُؤُ وَالْمَرْجَانُ
	258	4924	55	23	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	259	4925	55	24	6	30	1543	وَلَهُ الْجَوَارِ الْمُنشَآتُ فِي الْبَحْرِ كَالْأَعْلَمِ
38	260	4920	55	19	3	17	937	مَرَجَ الْبَحْرَيْنِ يَلْتَقِيَانِ
	261	4921	55	20	4	18	947	بَيْنَهُمَا بَرْزَخٌ لَا يَبْغِيَانِ
	262	4922	55	21	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	263	4923	55	22	4	23	1415	يَخْرُجُ مِنْهُمَا اللَّؤْلُؤُ وَالْمَرْجَانُ
	264	4924	55	23	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	265	4925	55	24	6	30	1543	وَلَهُ الْجَوَارِ الْمُنشَآتُ فِي الْبَحْرِ كَالْأَعْلَمِ
	266	4926	55	25	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
39	267	4969	55	68	4	18	1342	فِيهِمَا فُكِّهَتْهُ وَنَخْلٍ وَمِثْلٍ
	268	4970	55	69	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	269	4971	55	70	3	12	683	فِيهِمْ خَيْرٌ حَسَانٍ
	270	4972	55	71	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	271	4973	55	72	4	17	965	خَوْفٌ مَقْصُورٌ فِي الْخِيَامِ
	272	4974	55	73	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	273	4975	55	74	6	22	1409	لَمْ يَطْمِئْنُوا مِنْهُمْ وَلَا جَانٍ
40	274	4970	55	69	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	275	4971	55	70	3	12	683	فِيهِمْ خَيْرٌ حَسَانٍ
	276	4972	55	71	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	277	4973	55	72	4	17	965	خَوْفٌ مَقْصُورٌ فِي الْخِيَامِ
	278	4974	55	73	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
	279	4975	55	74	6	22	1409	لَمْ يَطْمِئْنُوا مِنْهُمْ وَلَا جَانٍ
	280	4976	55	75	4	20	683	فَيَأْتِيهِمْ رُبُّكُمْ فَيَكْذِبُونَ
41	281	5028	56	49	4	20	1173	قُلْ إِنْ أَوَّلَيْتُمْ إِلَّا خَيْرِينَ
	282	5029	56	50	5	23	1826	لَمَجْمُوعُونَ إِلَى مِيقَاتِ يَوْمٍ مَعْلُومٍ
	283	5030	56	51	5	25	1471	ثُمَّ إِنَّكُمْ أَنتُمُ الْفَاعِلُونَ الْمَكِيدُونَ
	284	5031	56	52	5	18	1197	لَهُ أَكْلُونَ مِنْ شَجَرٍ مِنْ زُفُوفٍ
	285	5032	56	53	3	16	1075	فَمَالِ بَوْنٍ مِنْهَا الْبُطُونُ
	286	5033	56	54	4	18	1265	فَشْرَبُونَ عَلَيْهِ مِنَ الْخَمِيمِ
	287	5034	56	55	3	14	799	فَشْرَبُونَ شَرْبَ الْهَيْمِ
42	288	5029	56	50	5	23	1826	لَمَجْمُوعُونَ إِلَى مِيقَاتِ يَوْمٍ مَعْلُومٍ
	289	5030	56	51	5	25	1471	ثُمَّ إِنَّكُمْ أَنتُمُ الْفَاعِلُونَ الْمَكِيدُونَ
	290	5031	56	52	5	18	1197	لَهُ أَكْلُونَ مِنْ شَجَرٍ مِنْ زُفُوفٍ
	291	5032	56	53	3	16	1075	فَمَالِ بَوْنٍ مِنْهَا الْبُطُونُ
	292	5033	56	54	4	18	1265	فَشْرَبُونَ عَلَيْهِ مِنَ الْخَمِيمِ
	293	5034	56	55	3	14	799	فَشْرَبُونَ شَرْبَ الْهَيْمِ
	294	5035	56	56	4	16	1134	هَذَا نُزِّلَهُمْ يَوْمَ الَّذِينَ
43	295	5041	56	62	6	32	1989	وَلَقَدْ عَلِمْتُمُ النَّشْأَةَ الْأُولَى فَلَوْلَا تَذَكَّرُونَ
	296	5042	56	63	3	15	649	أَفَرَأَيْتُمْ مَا تَجْرِثُونَ
	297	5043	56	64	5	24	1325	أَنتُمْ تَزْرَعُونَهُ أَمْ نَحْنُ الزَّارِعُونَ
	298	5044	56	65	6	27	1683	لَوْ نَشَاءُ لَجَعَلْنَاهُ قَطَافًا يَنْفَكُونَ
	299	5045	56	66	2	10	658	إِنَّا لَمُغْرَمُونَ
	300	5046	56	67	3	12	816	بَلْ نَحْنُ مُحْرَمُونَ

	301	5047	56	68	4	22	974	أَفَرَأَيْتُمُ الْمَاءَ الَّذِي تَشْرَبُونَ
44	302	5289	68	18	2	10	641	وَلَا يَسْتَوُونَ
	303	5290	68	19	7	27	1869	فَطَافَ عَلَيْهَا طَائِفٌ مِّن رَّبِّكَ وَهُمْ نَائِمُونَ
	304	5291	68	20	2	13	569	فَأَصْبَحَتْ كَالصَّرِيمِ
	305	5292	68	21	2	13	651	فَتَنَادَوْا مُصِيجِينَ
	306	5293	68	22	7	26	1494	أَنِ اعْبُدُوا عَلَيَّ حَرْثَكُمْ إِن كُنْتُمْ صَرِمِينَ
	307	5294	68	23	3	18	1182	فَانْطَلِقُوا وَهُمْ يَخْفَوْنَ
	308	5295	68	24	6	26	1822	أَن لَّا يَدْخُلْنَهَا أَلْيَوْمَ عَلَيْكُمْ مُمْسِكِينَ
45	309	5291	68	20	2	13	569	فَأَصْبَحَتْ كَالصَّرِيمِ
	310	5292	68	21	2	13	651	فَتَنَادَوْا مُصِيجِينَ
	311	5293	68	22	7	26	1494	أَنِ اعْبُدُوا عَلَيَّ حَرْثَكُمْ إِن كُنْتُمْ صَرِمِينَ
	312	5294	68	23	3	18	1182	فَانْطَلِقُوا وَهُمْ يَخْفَوْنَ
	313	5295	68	24	6	26	1822	أَن لَّا يَدْخُلْنَهَا أَلْيَوْمَ عَلَيْكُمْ مُمْسِكِينَ
	314	5296	68	25	4	16	931	وَعَدُوا عَلَيَّ حَرْدٌ قَدِيرِينَ
	315	5297	68	26	5	23	1261	فَلَمَّا رَأَوْهَا قَالُوا إِنَّا لَضَالُونَ
46	316	5348	69	25	10	41	2626	وَأَمَّا مَن أَوْتِيَ كِتَابَهُ بِشِمَالِهِ فَيَقُولُ
	يَلَيْتَنِي لَمْ أُوْتِ كِتَابِيهِ							
	317	5349	69	26	4	14	679	وَلَمْ أَذِرْ مَا حِسَابِيهِ
	318	5350	69	27	3	17	1003	يَلَيْتَنِي كَانَتْ الْقَاضِيَةَ
	319	5351	69	28	4	14	1011	مَا أَغْنَىٰ عَنِّي مَالِيهِ
	320	5352	69	29	3	12	1006	هَلْكَ عَنِّي سُلْطَانِيهِ
	321	5353	69	30	2	9	669	خُدُوهُ فَغُلُّوهُ
	322	5354	69	31	3	12	731	ثُمَّ الْجَحِيمِ صَلُّوهُ
47	323	5369	69	46	4	17	1149	ثُمَّ لَقَطَعْنَا مِنْهُ الْوَتِينَ
	324	5370	69	47	6	20	1254	فَمَا مِنْكُمْ مَّنْ أَحَدٌ عَنْهُ حَاجِزِينَ
	325	5371	69	48	3	17	1160	وَإِنَّهُ لَتَذْكُرُهُ لِلْعُنُفِينَ
	326	5372	69	49	5	21	1468	وَإِنَّا لَنَعْلَمُ أَنَّ مِنْكُمْ مُّكَذِّبِينَ
	327	5373	69	50	4	19	1285	وَإِنَّهُ لَخَسِرَٰةٌ عَلَى الْكَافِرِينَ
	328	5374	69	51	3	13	941	وَإِنَّهُ لَحَقُّ الْيَقِينِ
	329	5375	69	52	4	17	767	فَسَبِّحْ بِاسْمِ رَبِّكَ الْعَظِيمِ
48	330	5370	69	47	6	20	1254	فَمَا مِنْكُمْ مَّنْ أَحَدٌ عَنْهُ حَاجِزِينَ
	331	5371	69	48	3	17	1160	وَإِنَّهُ لَتَذْكُرُهُ لِلْعُنُفِينَ
	332	5372	69	49	5	21	1468	وَإِنَّا لَنَعْلَمُ أَنَّ مِنْكُمْ مُّكَذِّبِينَ
	333	5373	69	50	4	19	1285	وَإِنَّهُ لَخَسِرَٰةٌ عَلَى الْكَافِرِينَ
	334	5374	69	51	3	13	941	وَإِنَّهُ لَحَقُّ الْيَقِينِ
	335	5375	69	52	4	17	767	فَسَبِّحْ بِاسْمِ رَبِّكَ الْعَظِيمِ
	336	5376	70	1	4	16	682	سَالٍ سَابِلٍ بِعَذَابٍ وَاقِعٍ
49	337	5385	70	10	4	15	1013	وَلَا يَسْأَلُ خَمِيمٌ خَمِيمًا
	338	5386	70	11	9	40	2614	يُبْصِرُونَهُمْ ۖ يَوَدُّ الْمُجْرِمُ لَوْ يَفْتَدِي مِنْ
	عَذَابِ يَوْمِيذٍ بَيْنِيهِ							
	339	5387	70	12	2	11	598	وَصَلَاتِهِ ۚ وَأَخِيهِ
	340	5388	70	13	3	15	1026	وَفَصِيلَتِهِ الَّتِي تُاْوِيهِ
	341	5389	70	14	6	22	1419	وَمَن فِي الْأَرْضِ جَمِيعًا ثُمَّ يُنْجِيهِ
	342	5390	70	15	3	10	615	كَلَّا ۚ إِنَّهَا لَطْفٌ
	343	5391	70	16	2	10	709	نَزَّاعَةٌ لِّلشَّوْءِ
50	344	5386	70	11	9	40	2614	يُبْصِرُونَهُمْ ۖ يَوَدُّ الْمُجْرِمُ لَوْ يَفْتَدِي مِنْ
	عَذَابِ يَوْمِيذٍ بَيْنِيهِ							
	345	5387	70	12	2	11	598	وَصَلَاتِهِ ۚ وَأَخِيهِ
	346	5388	70	13	3	15	1026	وَفَصِيلَتِهِ الَّتِي تُاْوِيهِ
	347	5389	70	14	6	22	1419	وَمَن فِي الْأَرْضِ جَمِيعًا ثُمَّ يُنْجِيهِ
	348	5390	70	15	3	10	615	كَلَّا ۚ إِنَّهَا لَطْفٌ
	349	5391	70	16	2	10	709	نَزَّاعَةٌ لِّلشَّوْءِ
	350	5392	70	17	4	16	830	تَدْعُوا مَن أَذْبَرَ وَتَوَلَّىٰ
51	351	5397	70	22	2	10	591	إِلَّا الْمُصَلِّينَ
	352	5398	70	23	5	22	1493	الَّذِينَ هُمْ عَلَى صَلَاتِهِمْ ذَاتِبُونَ
	353	5399	70	24	5	21	1571	وَالَّذِينَ فِي أَمْوَالِهِمْ حَقٌّ مَّعْلُومٌ
	354	5400	70	25	2	14	906	لِّلسَّائِلِ وَالْمَحْرُومِ
	355	5401	70	26	4	21	1467	وَالَّذِينَ يُصَدِّقُونَ بَيْنَ الَّذِينَ
	356	5402	70	27	6	24	1576	وَالَّذِينَ هُمْ مِّنْ عَذَابِ رَبِّهِمْ مُّشْفِقُونَ
	357	5403	70	28	5	18	993	إِن عَذَابَ رَبِّهِمْ غَيْرُ مَا مُوِّدُونَ
52	358	5532	74	37	7	24	1324	لِيَمَن شَاءَ مِنْكُمْ أَن يَتَقَدَّمَ أَوْ يَتَأَخَّرَ
	359	5533	74	38	5	17	1020	كُلُّ نَفْسٍ بِمَا كَسَبَتْ رَهِينَةٌ
	360	5534	74	39	3	13	633	إِلَّا الْأَصْحَابَ الْيَمِينِ
	361	5535	74	40	3	13	726	فِي جَنَّةٍ يَتَسَاءَلُونَ
	362	5536	74	41	2	10	665	عَنِ الْمُجْرِمِينَ
	363	5537	74	42	4	12	775	مَا سَلَكَكُمْ فِي سَقَرٍ
	364	5538	74	43	5	18	1301	قَالُوا لِمَ نَكُ مِنَ الْمُصَلِّينَ
53	365	5538	74	43	5	18	1301	قَالُوا لِمَ نَكُ مِنَ الْمُصَلِّينَ
	366	5539	74	44	4	16	1245	وَلِمَ نَكُ نَطْعَمُ ۖ أَلُمُسْكِينَ
	367	5540	74	45	4	18	1157	وَكُنَّا نَخُوضُ مَعَ الْخَاطِبِينَ

	368	5541	74	46	4	17	1093	وَكُنَّا نَكْذِبُ يَوْمَ الَّذِينَ
	369	5542	74	47	3	14	807	حَتَّى أَتَيْنَا الْيَقِينَ
	370	5543	74	48	4	20	1322	فَمَا تَنْفَعُهُمْ شَفِيعَةُ الشُّفَعِينَ
	371	5544	74	49	5	21	1345	فَمَا لَهُمْ عَنِ التَّذْكَرَةِ مُغْرَضِينَ
54	372	5553	75	2	4	20	1145	وَلَا أَقْسَمُ بِاللُّغُتِ الْفَوَاحِشِ
	373	5554	75	3	5	23	1232	أَيُّحْسَبُ الْإِنْسَانُ أَنْ يُجْمَعَ عِظَامُهُ
	374	5555	75	4	6	22	1512	بَلَى قَدِيرِينَ عَلَى أَنْ تُسْوَى بِنَانُهُ
	375	5556	75	5	5	22	1250	بَلْ يُرِيدُ الْإِنْسَانُ لِيَفْجُرَ أَمَامَهُ
	376	5557	75	6	4	16	1189	يَسْأَلُ أَيَّانَ يَوْمِ الْقِيَمَةِ
	377	5558	75	7	3	12	363	فَإِذَا بَرِقَ الْبَصَرُ
	378	5559	75	8	2	9	504	وَحُشِفَ الْقَمَرُ
55	379	5560	75	9	3	15	895	وَجُمِعَ الشَّمْسُ وَالْقَمَرُ
	380	5561	75	10	5	23	1593	يَقُولُ الْإِنْسَانُ يَوْمَئِذٍ أَئِنَ الْمَقَرُ
	381	5562	75	11	3	8	412	كَلَّا لَا وَزَرَ
	382	5563	75	12	4	18	1050	إِلَى رَبِّكَ يَوْمَئِذٍ الْمُسْتَقَرُّ
	383	5564	75	13	6	26	1485	يُنَبِّئُ الْإِنْسَانَ يَوْمَئِذٍ بِمَا قَدَّمَ وَأَخَّرَ
	384	5565	75	14	5	20	1244	بَلِ الْإِنْسَانُ عَلَى نَفْسِهِ بَصِيرَةٌ
	385	5566	75	15	3	14	966	وَلَوْ أَلْقَى مَعَاذِيرَهُ
56	386	5657	77	35	4	14	1040	هَذَا يَوْمٌ لَا يَنْطِقُونَ
	387	5658	77	36	4	18	1287	وَلَا يُؤْذَنُ لَهُمْ فَيَعْبُدُونَ
	388	5659	77	37	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	389	5660	77	38	5	25	1713	هَذَا يَوْمُ الْقُضْلِ جَمْعُكُمْ وَالْأُولَى
	390	5661	77	39	5	18	1280	فَإِنْ كَانَ لَكُمْ كَيْفُ فَكِيدُونَ
	391	5662	77	40	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	392	5663	77	41	5	19	1429	إِنَّ الْمُتَّقِينَ فِي ظِلِّ وَعُيُونٍ
57	393	5661	77	39	5	18	1280	فَإِنْ كَانَ لَكُمْ كَيْفُ فَكِيدُونَ
	394	5662	77	40	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	395	5663	77	41	5	19	1429	إِنَّ الْمُتَّقِينَ فِي ظِلِّ وَعُيُونٍ
	396	5664	77	42	3	14	1091	وَفُوكِهِ مِمَّا يَشْتَهُونَ
	397	5665	77	43	6	28	1659	كُلُوا وَاشْرَبُوا هَنِيئًا بِمَا كُنْتُمْ تَعْمَلُونَ
	398	5666	77	44	4	19	1136	إِنَّا كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
	399	5667	77	45	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
58	400	5662	77	40	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	401	5663	77	41	5	19	1429	إِنَّ الْمُتَّقِينَ فِي ظِلِّ وَعُيُونٍ
	402	5664	77	42	3	14	1091	وَفُوكِهِ مِمَّا يَشْتَهُونَ
	403	5665	77	43	6	28	1659	كُلُوا وَاشْرَبُوا هَنِيئًا بِمَا كُنْتُمْ تَعْمَلُونَ
	404	5666	77	44	4	19	1136	إِنَّا كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
	405	5667	77	45	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	406	5668	77	46	5	26	1668	كُلُوا وَتَمَتَّعُوا قَلِيلًا إِنَّكُمْ مُجْرِمُونَ
59	407	5663	77	41	5	19	1429	إِنَّ الْمُتَّقِينَ فِي ظِلِّ وَعُيُونٍ
	408	5664	77	42	3	14	1091	وَفُوكِهِ مِمَّا يَشْتَهُونَ
	409	5665	77	43	6	28	1659	كُلُوا وَاشْرَبُوا هَنِيئًا بِمَا كُنْتُمْ تَعْمَلُونَ
	410	5666	77	44	4	19	1136	إِنَّا كَذَلِكَ نَجْزِي الْمُحْسِنِينَ
	411	5667	77	45	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
	412	5668	77	46	5	26	1668	كُلُوا وَتَمَتَّعُوا قَلِيلًا إِنَّكُمْ مُجْرِمُونَ
	413	5669	77	47	3	16	1286	وَيَلِي يَوْمَئِذٍ لِلْمُكَذِّبِينَ
60	414	5684	78	12	4	20	1010	وَبَنَيْنَا فَوْقَكُمْ سَبْعًا شِدَادًا
	415	5685	78	13	3	16	657	وَجَعَلْنَا سِرَاجًا وَهَّاجًا
	416	5686	78	14	5	24	1038	وَأَنْزَلْنَا مِنَ الْمُعْصِرَاتِ مَاءً ثَجَّاجًا
	417	5687	78	15	4	16	571	لِنُخْرِجَ بِهِ حَبًّا وَنَبَاتًا
	418	5688	78	16	2	10	447	وَجَنَّاتٍ أَلْفَافًا
	419	5689	78	17	5	18	1134	إِنَّ يَوْمَ الْقُضْلِ كَانَ مِيقَاتًا
	420	5690	78	18	6	26	1503	يَوْمَ يُنْفَخُ فِي الصُّورِ فَتَأْتُونَ أَفْوَاجًا
61	421	5685	78	13	3	16	657	وَجَعَلْنَا سِرَاجًا وَهَّاجًا
	422	5686	78	14	5	24	1038	وَأَنْزَلْنَا مِنَ الْمُعْصِرَاتِ مَاءً ثَجَّاجًا
	423	5687	78	15	4	16	571	لِنُخْرِجَ بِهِ حَبًّا وَنَبَاتًا
	424	5688	78	16	2	10	447	وَجَنَّاتٍ أَلْفَافًا
	425	5689	78	17	5	18	1134	إِنَّ يَوْمَ الْقُضْلِ كَانَ مِيقَاتًا
	426	5690	78	18	6	26	1503	يَوْمَ يُنْفَخُ فِي الصُّورِ فَتَأْتُونَ أَفْوَاجًا
	427	5691	78	19	4	21	778	وَفُتِحَتِ السَّمَاءُ فَكَانَتْ أَبْوَابًا
62	428	5687	78	15	4	16	571	لِنُخْرِجَ بِهِ حَبًّا وَنَبَاتًا
	429	5688	78	16	2	10	447	وَجَنَّاتٍ أَلْفَافًا
	430	5689	78	17	5	18	1134	إِنَّ يَوْمَ الْقُضْلِ كَانَ مِيقَاتًا
	431	5690	78	18	6	26	1503	يَوْمَ يُنْفَخُ فِي الصُّورِ فَتَأْتُونَ أَفْوَاجًا
	432	5691	78	19	4	21	778	وَفُتِحَتِ السَّمَاءُ فَكَانَتْ أَبْوَابًا
	433	5692	78	20	4	21	792	وُسُيِّرَتِ الْجِبَالُ فَكَانَتْ سَرَابًا
	434	5693	78	21	4	16	764	إِنَّ جَهَنَّمَ كَانَتْ مِرْصَادًا
63	435	5690	78	18	6	26	1503	يَوْمَ يُنْفَخُ فِي الصُّورِ فَتَأْتُونَ أَفْوَاجًا
	436	5691	78	19	4	21	778	وَفُتِحَتِ السَّمَاءُ فَكَانَتْ أَبْوَابًا
	437	5692	78	20	4	21	792	وُسُيِّرَتِ الْجِبَالُ فَكَانَتْ سَرَابًا

	438	5693	78	21	4	16	764	إِنَّ جَهَنَّمَ كَانَتْ مِرْصَادًا
	439	5694	78	22	2	10	586	لِلطَّغْيَانِ مَرَايَا
	440	5695	78	23	3	15	673	لِيُثَبِّتَ فِيهَا أَحْقَابًا
	441	5696	78	24	6	24	1190	لَا يَذُوقُونَ فِيهَا بَرْدًا وَلَا شَرَابًا
64	442	5728	79	16	6	25	1262	إِذْ نَادَاهُ رَبُّهُ بِالْوَادِ الْمُقَدَّسِ طُوًى
	443	5729	79	17	5	18	1109	أَذْهَبْ إِلَى فِرْعَوْنَ إِنَّهُ طَغَى
	444	5730	79	18	6	16	1086	فَقُلْ هَلْ لَكَ إِلَهٌ إِلَّا أَن تَرْكَبُ
	445	5731	79	19	4	17	955	وَأَهْدِيكَ إِلَى رَبِّكَ فَتَخْشَى
	446	5732	79	20	3	17	909	فَأَرْبَهُ أَلَسْ أَمَّةَ الْكُبْرَى
	447	5733	79	21	2	8	490	فَكَذَّبَ وَعَصَى
	448	5734	79	22	3	10	461	ثُمَّ أَدْبَرَ يَسْعَى
65	449	5734	79	22	3	10	461	ثُمَّ أَدْبَرَ يَسْعَى
	450	5735	79	23	2	9	450	فَخَشَرَ فَنَادَى
	451	5736	79	24	4	17	868	فَقَالَ أَنَا رَبُّكُمُ الْأَعْلَى
	452	5737	79	25	5	27	1462	فَأَخَذَهُ اللَّهُ نَكَالَ آلَاءِ آخِرَةٍ وَالْأُولَى
	453	5738	79	26	6	19	1280	ءَ أَنْتُمْ أَشَدُّ خَلْقًا أَمْ أَلْسَمَاءُ بَنِيهَا
	454	5739	79	27	6	25	1046	رَفَعَ سَمْكَهَا فَسَوَّاهَا
66	455	5740	79	28	3	14	890	رَفَعَ سَمْكَهَا فَسَوَّاهَا
	456	5738	79	26	6	19	1280	إِنَّ فِي ذَلِكَ لَعِبْرَةً لِّمَن يَخْشَى
	457	5739	79	27	6	25	1046	ءَ أَنْتُمْ أَشَدُّ خَلْقًا أَمْ أَلْسَمَاءُ بَنِيهَا
	458	5740	79	28	3	14	890	رَفَعَ سَمْكَهَا فَسَوَّاهَا
	459	5741	79	29	4	20	1074	وَأَعْطَشَ لِبَنِيهَا وَأَخْرَجَ ضُحَاهَا
	460	5742	79	30	4	17	776	وَالْأَرْضَ بَعْدَ ذَلِكَ دَحَاهَا
	461	5743	79	31	4	20	1035	أَخْرَجَ مِنْهَا مَاءَهَا وَمَرْعَاهَا
	462	5744	79	32	2	13	565	وَالْجِبَالَ أَرْسَاهَا
67	463	5822	81	22	3	15	823	وَمَا صَاحِبُكُم بِمُجْنُونَ
	464	5823	81	23	4	20	1026	وَلَقَدْ رَءَاهُ بِالْأَفْقِ الْمُبِينِ
	465	5824	81	24	5	18	1262	وَمَا هُوَ عَلَى الْغَيْبِ بِضَنِينٍ
	466	5825	81	25	5	17	1194	وَمَا هُوَ بِقَوْلِ شَيْطَانٍ رَّجِيمٍ
	467	5826	81	26	2	10	609	فَأَيْنَ تَذْهَبُونَ
	468	5827	81	27	5	17	1124	إِنَّ هُوَ إِلَّا ذِكْرٌ لِلْعَالَمِينَ
68	469	5828	81	28	5	18	1184	لِمَن شَاءَ مِنْكُمْ أَن يَسْتَقِيمَ
	470	5826	81	26	2	10	609	فَأَيْنَ تَذْهَبُونَ
	471	5827	81	27	5	17	1124	إِنَّ هُوَ إِلَّا ذِكْرٌ لِلْعَالَمِينَ
	472	5828	81	28	5	18	1184	لِمَن شَاءَ مِنْكُمْ أَن يَسْتَقِيمَ
	473	5829	81	29	8	31	1603	وَمَا تَشَاءُونَ إِلَّا أَن يَشَاءَ اللَّهُ رَبُّ الْعَالَمِينَ
	474	5830	82	1	3	15	498	إِذَا أَلْسَمَاءُ أَنْفَطَرَتْ
	475	5831	82	2	3	17	626	وَإِذَا الْكُوَاكِبُ أُنْتَثَرَتْ
69	476	5832	82	3	3	14	378	وَإِذَا الْيَخَارُ فُجِّرَتْ
	477	5841	82	12	3	14	1051	يَعْلَمُونَ مَا تَفْعَلُونَ
	478	5842	82	13	4	16	864	إِنَّ الْأَبْرَارَ لَفِي نَعِيمٍ
	479	5843	82	14	4	16	881	وَإِنَّ الْفُجَّارَ لَفِي جَحِيمٍ
	480	5844	82	15	3	15	1143	يَصْلَوْنَهَا يَوْمَ الَّذِينَ
	481	5845	82	16	4	16	1031	وَمَا هُمْ عَنْهَا بِغَائِبِينَ
	482	5846	82	17	5	18	1128	وَمَا أَدْرَاكَ مَا يَوْمَ الَّذِينَ
70	483	5847	82	18	6	19	1121	ثُمَّ مَا أَدْرَاكَ مَا يَوْمَ الَّذِينَ
	484	5851	83	3	5	24	1606	وَإِذَا كَانُوا مِنْ أَهْلِ الْبَلَدِ يُخْسِرُونَ
	485	5852	83	4	5	22	1476	أَلَا يَظُنُّ أُولَئِكَ أَنَّهُمْ مَبْعُوثُونَ
	486	5853	83	5	2	8	698	لِيَوْمٍ عَظِيمٍ
	487	5854	83	6	5	22	1529	يَوْمَ يَقُومُ النَّاسُ لِرَبِّ الْعَالَمِينَ
	488	5855	83	7	6	21	1061	كَلَّا إِنَّ كِتَابَ الْفُجَّارِ لَفِي سَجِينٍ
	489	5856	83	8	4	14	773	وَمَا أَدْرَاكَ مَا سَجِينٌ
	490	5857	83	9	2	8	470	كِتَابٌ مُّرْقُومٌ
71	491	5864	83	16	4	18	1006	ثُمَّ إِنَّهُمْ لَصَالُوا الْجَحِيمِ
	492	5865	83	17	7	25	1386	ثُمَّ يُقَالُ هَذَا الَّذِي كُنْتُمْ بِهِ تُكَذِّبُونَ
	493	5866	83	18	6	23	1216	كَلَّا إِنَّ كِتَابَ الْأَبْرَارِ لَفِي عِلِّيِّينَ
	494	5867	83	19	4	15	972	وَمَا أَدْرَاكَ مَا عِلِّيُّونَ
	495	5868	83	20	2	8	470	كِتَابٌ مُّرْقُومٌ
	496	5869	83	21	2	13	848	يَشْهَدُهُ الْمُقَرَّبُونَ
72	497	5870	83	22	4	16	864	إِنَّ الْأَبْرَارَ لَفِي نَعِيمٍ
	498	5870	83	22	4	16	864	إِنَّ الْأَبْرَارَ لَفِي نَعِيمٍ
	499	5871	83	23	3	16	1047	عَلَى الْأَرْزَاقِ يُنْظَرُونَ
	500	5872	83	24	5	22	1565	تَعْرِفُ فِي وُجُوهِهِمْ نَضْرَةَ النَّعِيمِ
	501	5873	83	25	4	16	1128	يُسْقَوْنَ مِنْ رَحِيقٍ مُمَجَّنٍّ
	502	5874	83	26	6	30	1940	حِثْمُهُمْ مِسْئٌ وَعِىَ ذَلِكَ فَلْيَتَنَافَسِ
الْمُتَنَفِّسُونَ	503	5875	83	27	3	13	858	وَمِرَاجُهُ مِنْ تَسْنِيمٍ
	504	5876	83	28	4	19	1032	عَيْنًا يَشْرَبُ بِهَا الْمُقَرَّبُونَ
73	505	5885	84	1	3	14	459	إِذَا أَلْسَمَاءُ أَنْشَقَتْ
	506	5886	84	2	3	14	642	وَأُذِنَتْ لِرَبِّهَا وَحُقَّتْ

	507	5887	84	3	3	12	406	وَإِذَا الْأَرْضُ مُدَّتْ
	508	5888	84	4	4	16	851	وَأَلْقَتْ مَا فِيهَا وَتَخَلَّتْ
	509	5889	84	5	3	14	642	وَأَذْنَتْ لِرَبِّهَا وَخَفَّتْ
	510	5890	84	6	8	34	1868	يَأْيُهَا الْإِنْسُنُ إِنَّكَ كَادِحٌ إِلَى رَبِّكَ كَدْحًا
فَمُلْقِيهِ	511	5891	84	7	5	20	1259	فَأَمَّا مَنْ أَوْتِيَ كِتَابَهُ بِيَمِينِهِ
74	512	5891	84	7	5	20	1259	فَأَمَّا مَنْ أَوْتِيَ كِتَابَهُ بِيَمِينِهِ
	513	5892	84	8	4	19	783	فَسَوْفَ يُحَاسِبُ حِسَابًا يَسِيرًا
	514	5893	84	9	4	19	1234	وَيَنْقَلِبُ إِلَى أَهْلِهِ مَسْرُورًا
	515	5894	84	10	6	22	1212	وَأَمَّا مَنْ أَوْتِيَ كِتَابَهُ وَرَاءَ ظَهْرِهِ
	516	5895	84	11	3	14	718	فَسَوْفَ يَدْعُوا ثُبُورًا
	517	5896	84	12	2	10	679	وَيَصْلَى سَعِيرًا
	518	5897	84	13	5	18	1132	إِنَّهُ كَانَ فِي أَهْلِهِ مَسْرُورًا
75	519	5892	84	8	4	19	783	فَسَوْفَ يُحَاسِبُ حِسَابًا يَسِيرًا
	520	5893	84	9	4	19	1234	وَيَنْقَلِبُ إِلَى أَهْلِهِ مَسْرُورًا
	521	5894	84	10	6	22	1212	وَأَمَّا مَنْ أَوْتِيَ كِتَابَهُ وَرَاءَ ظَهْرِهِ
	522	5895	84	11	3	14	718	فَسَوْفَ يَدْعُوا ثُبُورًا
	523	5896	84	12	2	10	679	وَيَصْلَى سَعِيرًا
	524	5897	84	13	5	18	1132	إِنَّهُ كَانَ فِي أَهْلِهِ مَسْرُورًا
	525	5898	84	14	5	13	887	إِنَّهُ ظَنَّ أَنْ لَنْ يَخُورَ
76	526	5897	84	13	5	18	1132	إِنَّهُ كَانَ فِي أَهْلِهِ مَسْرُورًا
	527	5898	84	14	5	13	887	إِنَّهُ ظَنَّ أَنْ لَنْ يَخُورَ
	528	5899	84	15	6	18	891	بَلَى إِنَّ رَبَّهُ كَانَ بِهِ بَصِيرًا
	529	5900	84	16	3	13	630	فَلَا أَقْسَمُ بِالْشَّعْثِ
	530	5901	84	17	3	11	785	وَاللَّيْلِ وَمَا وَسَقَ
	531	5902	84	18	3	13	523	وَالْقَمَرِ إِذَا اتَّسَقَ
	532	5903	84	19	4	15	714	لَتَرْكَبُنَّ طَبَقًا عَنْ طَبَقٍ
77	533	5899	84	15	6	18	891	بَلَى إِنَّ رَبَّهُ كَانَ بِهِ بَصِيرًا
	534	5900	84	16	3	13	630	فَلَا أَقْسَمُ بِالْشَّعْثِ
	535	5901	84	17	3	11	785	وَاللَّيْلِ وَمَا وَسَقَ
	536	5902	84	18	3	13	523	وَالْقَمَرِ إِذَا اتَّسَقَ
	537	5903	84	19	4	15	714	لَتَرْكَبُنَّ طَبَقًا عَنْ طَبَقٍ
	538	5904	84	20	4	14	1116	فَمَا لَهُمْ لَا يُؤْمِنُونَ
	539	5905	84	21	6	27	1526	وَإِذَا قُرِئَ عَلَيْهِمُ الْقُرْآنُ لَا يَسْجُدُونَ
78	540	5911	85	2	2	13	947	وَالْيَوْمِ الْوَعْدِ
	541	5912	85	3	2	11	722	وَشَاهِدٍ وَمَشْهُودٍ
	542	5913	85	4	3	14	467	قَتِيلٍ أَصْحَابِ الْأَخْدُودِ
	543	5914	85	5	3	14	626	النَّارِ ذَاتِ الْوَقُودِ
	544	5915	85	6	4	13	825	إِذْ هُمْ عَلَيْهَا قُعُودٌ
	545	5916	85	7	6	27	2091	وَهُمْ عَلَى مَا يَفْعَلُونَ بِالْمُؤْمِنِينَ شُهُودٌ
	546	5917	85	8	9	40	2521	وَمَا نَقْمُوا مِنْهُمْ إِلَّا أَنْ يُؤْمِنُوا بِاللَّهِ
أَلْعَزِيزِ الْخَمِيدِ	547	5933	86	2	4	16	763	وَمَا أَدْرَاكَ مَا الطَّارِقُ
79	548	5934	86	3	2	11	452	اللَّجْمِ الْفَاقِقِ
	549	5935	86	4	6	19	1139	إِنْ كُلُّ نَفْسٍ لَمَّا عَلَيْهَا خَافِظٌ
	550	5936	86	5	4	17	1115	فَلْيَنْظُرِ الْإِنْسَانُ مِمَّ خُلِقَ
	551	5937	86	6	4	12	616	خُلِقَ مِنْ مَّاءٍ ذَافِقٍ
	552	5938	86	7	5	22	1105	يَخْرُجُ مِنْ بَيْنِ الصُّلْبِ وَالتَّرَائِبِ
	553	5939	86	8	4	15	859	إِنَّهُ عَلَى رَجْعِهِ لَقَادِرٌ
80	554	5936	86	5	4	17	1115	فَلْيَنْظُرِ الْإِنْسَانُ مِمَّ خُلِقَ
	555	5937	86	6	4	12	616	خُلِقَ مِنْ مَّاءٍ ذَافِقٍ
	556	5938	86	7	5	22	1105	يَخْرُجُ مِنْ بَيْنِ الصُّلْبِ وَالتَّرَائِبِ
	557	5939	86	8	4	15	859	إِنَّهُ عَلَى رَجْعِهِ لَقَادِرٌ
	558	5940	86	9	3	14	786	يَوْمَ تُبْلَى السَّرَائِرُ
	559	5941	86	10	6	17	1168	فَمَا لَهُ مِنْ قُوَّةٍ وَلَا نَاصِرٍ
	560	5942	86	11	3	15	533	وَالسَّمَاءِ ذَاتِ الرَّجْعِ
81	561	5961	87	13	6	19	1288	ثُمَّ لَا يَمُوتُ فِيهَا وَلَا يَخْيَى
	562	5962	87	14	4	12	669	قَدْ أَفْلَحَ مَنْ تَزَكَّى
	563	5963	87	15	4	14	799	وَذَكَرَ اسْمَ رَبِّهِ فَصَلَّى
	564	5964	87	16	4	20	1149	بَلْ تُؤْثِرُونَ الْحَيَاةَ الدُّنْيَا
	565	5965	87	17	3	16	779	وَالْآخِرَةَ خَيْرٌ وَأُنْقَى
	566	5966	87	18	5	19	1078	إِنْ هَذَا لَفِي الصُّخْرِ الْأُولَى
	567	5967	87	19	3	14	897	مُغْفٍ إِبْرَاهِيمَ وَمُوسَى
82	568	5984	88	17	6	25	1450	أَفَلَا يَنْظُرُونَ إِلَى الْآيِلِ كَيْفَ خُلِقَتْ
	569	5985	88	18	4	17	932	وَالِى السَّمَاءِ كَيْفَ رُفِعَتْ
	570	5986	88	19	4	17	884	وَالِى الْجِبَالِ كَيْفَ نُصِبَتْ
	571	5987	88	20	4	16	823	وَالِى الْأَرْضِ كَيْفَ سُطِحَتْ
	572	5988	88	21	4	15	716	فَذَكِّرْ إِنَّمَا أَنْتَ مُذَكِّرٌ
	573	5989	88	22	3	14	890	لَسْتَ عَلَيْهِمْ بِمُصَيْطِرٍ
	574	5990	88	23	4	13	853	إِلَّا مَنْ تَوَلَّى وَكَفَرَ

83	575	6000	89	7	3	12	406	إِزْمَ ذَاتِ الْعِمَادِ
	576	6001	89	8	6	22	1299	الَّتِي لَمْ يُخْلَقْ مِثْلُهَا فِي الْيَلْدِ
	577	6002	89	9	5	26	1140	وَتُمُودَ الَّذِينَ جَابُوا الصَّخْرَ بِالْوَادِ
	578	6003	89	10	3	15	810	وَفِرْعَوْنَ ذِي الْأَوْتَادِ
	579	6004	89	11	4	16	905	الَّذِينَ طَغَوْا فِي الْيَلْدِ
	580	6005	89	12	3	17	788	فَأَكْثَرُوا فِيهَا الْفَسَادَ
	581	6006	89	13	5	18	951	فَصَبَّ عَلَيْهِمْ رَبُّكَ سُوطَ عَذَابٍ
84	582	6001	89	8	6	22	1299	الَّتِي لَمْ يُخْلَقْ مِثْلُهَا فِي الْيَلْدِ
	583	6002	89	9	5	26	1140	وَتُمُودَ الَّذِينَ جَابُوا الصَّخْرَ بِالْوَادِ
	584	6003	89	10	3	15	810	وَفِرْعَوْنَ ذِي الْأَوْتَادِ
	585	6004	89	11	4	16	905	الَّذِينَ طَغَوْا فِي الْيَلْدِ
	586	6005	89	12	3	17	788	فَأَكْثَرُوا فِيهَا الْفَسَادَ
	587	6006	89	13	5	18	951	فَصَبَّ عَلَيْهِمْ رَبُّكَ سُوطَ عَذَابٍ
	588	6007	89	14	3	14	563	إِنَّ رَبَّكَ لَبِالْمُرْصَادِ
85	589	6026	90	3	3	11	709	وَوَالِدٍ وَمَا وَلَدَ
	590	6027	90	4	5	19	1044	لَقَدْ خَلَقْنَا الْإِنْسَانَ فِي كَبَدٍ
	591	6028	90	5	6	20	1055	أَيَحْسَبُ أَنْ لَنْ يَغْدِرَ عَلَيْهِ أَحَدٌ
	592	6029	90	6	4	17	919	يَقُولُ أَهْلَكْتُ مَا لَا لِيَدَا
	593	6030	90	7	5	15	704	أَيَحْسَبُ أَنْ لَمْ يَزِرْهُ أَحَدٌ
	594	6031	90	8	4	14	1079	أَلَمْ نَجْعَلْ لَهُ عَيْنَيْنِ
	595	6032	90	9	2	12	748	وَلِسَانًا وَشَفَتَيْنِ
86	596	6040	90	17	9	46	2360	ثُمَّ كَانَ مِنَ الَّذِينَ ءَامَنُوا وَتَوَاصَوْا
بِالصَّبْرِ وَتَوَاصَوْا بِالْمَرْحَمَةِ								
	597	6041	90	18	3	16	1003	أُولَئِكَ أَصْحَابُ الْمَيْمَنَةِ
	598	6042	90	19	6	29	1571	وَالَّذِينَ كَفَرُوا يَكُونُوا بِأَيْمَانِنَا أَصْحَابُ
الْفِشْخَةِ								
	599	6043	90	20	3	13	924	عَلَيْهِمْ نَارٌ مُؤَصَّدَةٌ
	600	6044	91	1	2	12	728	وَالشَّمْسُ وَضُحَاهَا
	601	6045	91	2	3	14	704	وَالْقَمَرُ إِذَا تَلَايَا
	602	6046	91	3	3	15	748	وَالنَّهَارُ إِذَا تَجَلَّى
87	603	6054	91	11	3	15	764	كَذَّبَتْ تُمُودَ بِطَغْوَاهَا
	604	6055	91	12	3	13	521	إِذْ أُنْبِئَتْ أَشْجَاهَا
	605	6056	91	13	7	29	1988	فَقَالَ لَهُمْ رَسُولُ اللَّهِ نَاقَةَ اللَّهِ وَسُقْيَاهَا
	606	6057	91	14	7	39	2507	فَكَذَّبُوهُ فَعَقَرُوهَا فَذَمِّمَ عَلَيْهِمْ رَبُّهُمْ
بِذُنُوبِهِمْ فَسَوَّاهَا								
	607	6058	91	15	3	12	625	وَلَا يَخَافُ عُقْبَاهَا
	608	6059	92	1	3	12	727	وَالْيَلِ إِذَا يَغْشَى
	609	6060	92	2	3	14	650	وَالنَّهَارُ إِذَا تَجَلَّى
88	610	6098	94	8	3	12	578	وَالِي رَبِّكَ فَارْغَبْ
	611	6099	95	1	2	14	928	وَالْتَّيْنِ وَالزَّيْتُونِ
	612	6100	95	2	2	9	733	وَطُورِ سِينِينَ
	613	6101	95	3	3	15	799	وَهَذَا أَلْيَدِ الْأَمِينِ
	614	6102	95	4	6	25	1469	لَقَدْ خَلَقْنَا الْإِنْسَانَ فِي أَحْسَنِ تَقْوِيمٍ
	615	6103	95	5	4	16	949	ثُمَّ رَدَدْنَاهُ أَسْفَلَ سَافِلِينَ
	616	6104	95	6	9	41	2427	إِلَّا الَّذِينَ ءَامَنُوا وَعَمِلُوا الصَّالِحَاتِ فَلَهُمْ
أَجْرٌ غَيْرُ مَمْنُونٍ								
89	617	6115	96	9	3	13	771	أَرَأَيْتَ الَّذِي يُنْهَى
	618	6116	96	10	3	10	345	عَبْدًا إِذَا صَلَّى
	619	6117	96	11	5	18	984	أَرَأَيْتَ إِنْ كَانَ عَلَى الْهُدَى
	620	6118	96	12	3	12	601	أَوْ أَمَرَ بِالتَّقْوَى
	621	6119	96	13	4	15	749	أَرَأَيْتَ إِنْ كَذَّبَ وَتَوَلَّى
	622	6120	96	14	5	17	1128	أَلَمْ يَعْلَمْ بِأَنَّ اللَّهَ يَرَى
	623	6121	96	15	6	26	1722	كَلَّا لَنْ لَمْ يَنْتَه لِنَسْفَعًا بِالنَّاصِيَةِ
90	624	6116	96	10	3	10	345	عَبْدًا إِذَا صَلَّى
	625	6117	96	11	5	18	984	أَرَأَيْتَ إِنْ كَانَ عَلَى الْهُدَى
	626	6118	96	12	3	12	601	أَوْ أَمَرَ بِالتَّقْوَى
	627	6119	96	13	4	15	749	أَرَأَيْتَ إِنْ كَذَّبَ وَتَوَلَّى
	628	6120	96	14	5	17	1128	أَلَمْ يَعْلَمْ بِأَنَّ اللَّهَ يَرَى
	629	6121	96	15	6	26	1722	كَلَّا لَنْ لَمْ يَنْتَه لِنَسْفَعًا بِالنَّاصِيَةِ
	630	6122	96	16	3	14	836	نَاصِيَةٍ كَذِبَةٍ خَاطِئَةٍ
91	631	6142	99	4	3	16	629	يَوْمَئِذٍ تُحَدِّثُ أَخْبَارَهَا
	632	6143	99	5	4	13	624	بِأَنَّ رَبَّكَ أَوْحَى لَهَا
	633	6144	99	6	6	31	1654	يَوْمَئِذٍ يَصُدُّرُ النَّاسُ أَشْتَاتًا لِيُرَوْا أَعْمَلُهُمْ
	634	6145	99	7	6	22	1396	فَمَنْ يَعْمَلْ مِثْقَالَ ذَرَّةٍ خَيْرًا يَرَهُ
	635	6146	99	8	6	21	1345	وَمَنْ يَعْمَلْ مِثْقَالَ ذَرَّةٍ شَرًّا يَرَهُ
	636	6147	100	1	2	11	445	وَالْعُدُوبُ ضَرْجًا
	637	6148	100	2	2	12	596	فَالْمُورِيَّتِ قَدْخًا
92	638	6150	100	4	3	11	543	فَأَثَرُنَ بِهِ نَقْعًا
	639	6151	100	5	3	11	628	فَوْسَطُنَ بِهِ جَمْعًا
	640	6152	100	6	4	17	1014	إِنَّ الْإِنْسَانَ لِرَبِّهِ لَكَنُوفٌ



	641	6153	100	7	4	15	1090	وَإِنَّهُ عَلَىٰ ذَٰلِكَ لَشَهِيدٌ
	642	6154	100	8	4	17	909	وَإِنَّهُ لَخَبِيرُ الشَّيْءِ
	643	6155	100	9	7	25	1187	۞ أَفَلَا يَعْلَمُ إِذَا بُعْثِرَ مَا فِي الْقُبُورِ
	644	6156	100	10	4	14	790	وُحْصِلَ مَا فِي الصُّدُورِ
93	645	6152	100	6	4	17	1014	إِنَّ الْإِنْسَانَ لِرَبِّهِ لَكَنُودٌ
	646	6153	100	7	4	15	1090	وَإِنَّهُ عَلَىٰ ذَٰلِكَ لَشَهِيدٌ
	647	6154	100	8	4	17	909	وَإِنَّهُ لَخَبِيرُ الشَّيْءِ
	648	6155	100	9	7	25	1187	۞ أَفَلَا يَعْلَمُ إِذَا بُعْثِرَ مَا فِي الْقُبُورِ
	649	6156	100	10	4	14	790	وُحْصِلَ مَا فِي الصُّدُورِ
	650	6157	100	11	5	19	1182	إِنَّ رَبَّهُم بِهِمْ يَوْمَئِذٍ لَّخَبِيرٌ
	651	6158	101	1	1	7	351	أَلْقَارِعَةً
94	652	6174	102	6	2	11	622	لَتَرَوُنَّ الْجَحِيمَ
	653	6175	102	7	4	18	1250	ثُمَّ لَتَرَوُنَّهَا عَيْنَ الْيَقِينِ
	654	6176	102	8	5	20	1427	ثُمَّ لَتُسْأَلُنَّ يَوْمَئِذٍ عَنِ النَّعِيمِ
	655	6177	103	1	1	6	321	وَالْغَضَرِ
	656	6178	103	2	4	14	761	إِنَّ الْإِنْسَانَ لَفِي خُسْرٍ
	657	6179	103	3	9	51	2422	إِلَّا الَّذِينَ ءَامَنُوا وَعَمِلُوا الصَّالِحَاتِ
	وَتَوَاصَوْا بِالْحَقِّ وَتَوَاصَوْا بِالصَّبْرِ							
	658	6180	104	1	4	14	1164	وَبَلِّ لِكُلِّ هُمْزَةٍ لُّمَزَةً
95	659	6184	104	5	4	16	862	وَمَا أَدْرَاكَ مَا السَّاعَةُ
	660	6185	104	6	3	14	867	نَارُ اللَّهِ الْمُبْقَدَةُ
	661	6186	104	7	4	17	928	الَّتِي تَطْلُعُ عَلَى الْأَفْنَدَةِ
	662	6187	104	8	3	14	998	إِنَّهَا عَلَيْهِمْ مُّوَصَّدَةٌ
	663	6188	104	9	3	10	664	فِي عَمَدٍ مُّمَدَّدَةٍ
	664	6189	105	1	7	24	1201	أَلَمْ تَرَ كَيْفَ فَعَلَ رَبُّكَ بِأَصْحَابِ الْفِيلِ
	665	6190	105	2	5	19	1334	أَلَمْ يَجْعَلْ كَيْدَهُمْ فِي تَضْلِيلٍ
96	666	6185	104	6	3	14	867	نَارُ اللَّهِ الْمُبْقَدَةُ
	667	6186	104	7	4	17	928	الَّتِي تَطْلُعُ عَلَى الْأَفْنَدَةِ
	668	6187	104	8	3	14	998	إِنَّهَا عَلَيْهِمْ مُّوَصَّدَةٌ
	669	6188	104	9	3	10	664	فِي عَمَدٍ مُّمَدَّدَةٍ
	670	6189	105	1	7	24	1201	أَلَمْ تَرَ كَيْفَ فَعَلَ رَبُّكَ بِأَصْحَابِ الْفِيلِ
	671	6190	105	2	5	19	1334	أَلَمْ يَجْعَلْ كَيْدَهُمْ فِي تَضْلِيلٍ
	672	6191	105	3	4	20	1086	وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبَابِيلَ
97	673	6187	104	8	3	14	998	إِنَّهَا عَلَيْهِمْ مُّوَصَّدَةٌ
	674	6188	104	9	3	10	664	فِي عَمَدٍ مُّمَدَّدَةٍ
	675	6189	105	1	7	24	1201	أَلَمْ تَرَ كَيْفَ فَعَلَ رَبُّكَ بِأَصْحَابِ الْفِيلِ
	676	6190	105	2	5	19	1334	أَلَمْ يَجْعَلْ كَيْدَهُمْ فِي تَضْلِيلٍ
	677	6191	105	3	4	20	1086	وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبَابِيلَ
	678	6192	105	4	4	18	1003	تَرْمِيهِمْ بِجِجَارَةٍ مِّن سِجِّيلٍ
	679	6193	105	5	3	15	1026	فَجَعَلْنَاهُمْ كَعَصْفٍ مَّأْكُولٍ
98	680	6189	105	1	7	24	1201	أَلَمْ تَرَ كَيْفَ فَعَلَ رَبُّكَ بِأَصْحَابِ الْفِيلِ
	681	6190	105	2	5	19	1334	أَلَمْ يَجْعَلْ كَيْدَهُمْ فِي تَضْلِيلٍ
	682	6191	105	3	4	20	1086	وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبَابِيلَ
	683	6192	105	4	4	18	1003	تَرْمِيهِمْ بِجِجَارَةٍ مِّن سِجِّيلٍ
	684	6193	105	5	3	15	1026	فَجَعَلْنَاهُمْ كَعَصْفٍ مَّأْكُولٍ
	685	6194	106	1	2	9	596	لِيَلْفَ قُرَيْشٌ
	686	6195	106	2	4	21	1115	إِلَّاهِهِمْ رِحْلَةَ الشِّتَاءِ وَالصَّيْفِ
99	687	6206	108	2	3	12	635	فَضَلَّ لِرَبِّكَ وَانْحَزَ
	688	6207	108	3	4	15	753	إِنَّ شَانِئَكَ هُوَ الْأَبْتَرُ
	689	6208	109	1	3	14	939	قُلْ بِآيَاتِهَا أَنْكُرُونُ
	690	6209	109	2	4	14	549	لَا أَغْنِيْكُمْ مَا تُغْنِيْوْنَ
	691	6210	109	3	5	18	840	وَلَا أَنْتُمْ عَالِمُونَ مَا أَغْنِيْكُمْ
	692	6211	109	4	5	17	642	وَلَا أَنَا عَابِدٌ مَّا غَدِثُكُمْ
	693	6212	109	5	5	18	840	وَلَا أَنْتُمْ عَالِمُونَ مَا أَغْنِيْكُمْ
100	694	6217	111	1	5	15	551	تَبَّتْ يُدَا أُبَيِّ لَهْجٍ وَتَبَّ
	695	6218	111	2	6	19	1211	مَا أَغْنَىٰ عَنْهُ مَالُهُ وَمَا كَسَبَ
	696	6219	111	3	4	15	724	سَيَصْلَىٰ نَارًا ذَاتَ لَهَبٍ
	697	6220	111	4	3	17	773	وَأَمْرَأَتُهُ خَمَّالَةَ الْخَطَبِ
	698	6221	111	5	5	15	848	فِي جِيدِهَا حَبْلٌ مِّن مَّسَدٍ
	699	6222	112	1	4	11	663	قُلْ هُوَ اللَّهُ أَحَدٌ
	700	6223	112	2	2	9	505	اللَّهُ الصَّمَدُ
101	701	6223	112	2	2	9	505	اللَّهُ الصَّمَدُ
	702	6224	112	3	4	12	968	لَمْ يَلِدْ وَلَمْ يُولَدْ
	703	6225	112	4	5	15	1031	وَلَمْ يَكُن لَّهُ كُفُوًا أَحَدٌ
	704	6226	113	1	4	14	692	قُلْ أَعُوذُ بِرَبِّ الْفَلَقِ
	705	6227	113	2	4	9	520	مِن شَرِّ مَا خَلَقَ
	706	6228	113	3	5	15	744	وَمِن شَرِّ غَاسِقٍ إِذَا وَقَبَ
	707	6229	113	4	5	18	1040	وَمِن شَرِّ النَّفَّاثَاتِ فِي الْعُقَدِ
102	708	6226	113	1	4	14	692	قُلْ أَعُوذُ بِرَبِّ الْفَلَقِ
	709	6227	113	2	4	9	520	مِن شَرِّ مَا خَلَقَ

710	6228	113	3	5	15	744	وَمِنْ شَرِّ عَاسِقٍ إِذَا وَقَبَ
711	6229	113	4	5	18	1040	وَمِنْ شَرِّ اللَّفْتَاتِ فِي الْعُقَدِ
712	6230	113	5	5	15	526	وَمِنْ شَرِّ حَاسِدٍ إِذَا حَسَدَ
713	6231	114	1	4	14	601	قُلْ أَعُوذُ بِرَبِّ النَّاسِ
714	6232	114	2	2	8	472	مَلِكِ النَّاسِ
-----							
Sum	255255	3704841	49057	25606	2958	12592	734128
-----							

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777 in the Quran  
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Pattern 777a:

There are 2 chapters with 7 verses in the Quran: chapters 1 and 107.  
There are 7 chapters after chapter 107. Their chapter sum = 777

#	Name	C	V
1	الكوثر	108	3
2	الكافرون	110	3
3	النصر	111	5
4	المسد	112	4
5	الإخلاص	113	5
6	الفلق	114	6
7	الناس	114	6
-----			
Sum		777	32
-----			

Pattern 777b:

Middle chapter 114 ÷ 2 = 57 ends part 27 out of 30 in the Quran.  
Part 27 starts at verse 51:31 and end at verse 57:29 covering 7 chapters:

#	C	V in part 27
1	51	30
2	52	49
3	53	62
4	54	55
5	55	78
6	56	96
7	57	29
-----		
Sum	378	399
-----		

Chapter sum + Verse sum = 378 + 399 = 777

Pattern 777c:

Middle verse = 6236 ÷ 2 = 3118 = 27:186 = [وَمَا أَنْتَ إِلَّا بَشَرٌ مِثْلُنَا وَإِنْ نُنْطِقُكَ لَمِنَ الْكَاذِبِينَ]

There are 8 repeated verses in chapter 27: [وَإِنْ رَبُّكَ لَهُوَ الْعَزِيزُ الرَّحِيمُ]

7 repetitions before the middle verse: 9, 68, 104, 122, 140, 159, 175

1 repetition after the middle verse: 191

The sum of 7 repetitions before the middle verse = 9+68+104+122+140+159+175 = 777

Pattern 777d:

The sum of verses divisible by their chapter numbers is 777

C	V	V÷C
1	7	7
2	286	143
4	176	44
5	120	24
16	128	8
30	60	2
-----		
Sum	58	777
-----		

The sum of chapter numbers divisible by their verses is 439 where  $AC439 = 777$

C	V	C÷V
105	5	21
108	3	36
112	4	28
114	6	19
Sum	439	104

Note 1: Sum of proper divisors of 777 =  $1+3+7+21+37+111+259 = 439$

Note 2:  $777 = AC439$  where  $439 = XP37$  [pattern 37a note 16a]

#### DEFINITIONS for Pattern 1729

##### Brahmagupta-Fibonacci Identity:

[http://en.wikipedia.org/wiki/Brahmagupta%E2%80%93Fibonacci\\_identity](http://en.wikipedia.org/wiki/Brahmagupta%E2%80%93Fibonacci_identity)

"The product of two sums each of two squares is itself a sum of two squares."

$$(a^2 + b^2)(c^2 + d^2) = (ac + bd)^2 + (ad - bc)^2$$

$$\text{or} = (ac - bd)^2 + (ad + bc)^2$$

##### Modular Arithmetic

[http://en.wikipedia.org/wiki/Modular\\_arithmetic](http://en.wikipedia.org/wiki/Modular_arithmetic)

For any positive integer  $n$ , two integers  $a$  and  $b$  are congruent modulo  $n$  if  $(a - b)$  is multiple of  $n$  called the modulus of the congruence.

$$a \equiv b \pmod{n}$$

Examples:

$38 \equiv 14 \pmod{12}$  because  $38 - 14 = 24$  and 24 is multiple of 12.

$-8 \equiv 7 \pmod{5}$  because  $-8 - 7 = -15$  and -15 is multiple of 5.

##### Fermat's Little Theorem

[http://en.wikipedia.org/wiki/Fermat%27s\\_little\\_theorem](http://en.wikipedia.org/wiki/Fermat%27s_little_theorem)

If  $p$  is a prime number, then for any integer  $a$ ,  $a^p - a$  is multiple of  $p$ .

$$a^p \equiv a \pmod{p}$$

If  $a$  is not divisible by  $p$  (i.e.  $a$  and  $p$  are coprimes), then:

$$a^{(p-1)} \equiv 1 \pmod{p}$$

Example: if  $a = 2$  and  $p = 7$  then  $2^{(7-1)} = 2^6 = 64$  and  $64 \bmod 7 = 1$ .

##### Carmichael Numbers or Fermat Pseudoprimes

[http://en.wikipedia.org/wiki/Carmichael\\_number](http://en.wikipedia.org/wiki/Carmichael_number)

A composite number  $n$  which satisfies the modular arithmetic congruence relation:

$$b^{n-1} \equiv 1 \pmod{n} \text{ for all integers } 1 < b < n \text{ which are relatively prime to } n.$$

Carmichael numbers are annoying because they pass the Fermat primality test but are not actually prime.

<http://oeis.org/A002997>

This first few Carmichael numbers:

$561 = 3 \times 11 \times 17$  is square-free and  $(2|560 ; 10|560 ; 16|560)$

$1105 = 5 \times 13 \times 17$  is square-free and  $(4|1104 ; 12|1104 ; 16|1104)$

$1729 = 7 \times 13 \times 19$  is square-free and  $(6|1728 ; 12|1728 ; 18|1728)$

$2465 = 5 \times 17 \times 29$  is square-free and  $(4|2464 ; 16|2464 ; 28|2464)$

$2821 = 7 \times 13 \times 31$  is square-free and  $(6|2820 ; 12|2820 ; 30|2820)$

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 Pattern 1729:  
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Quran's chapter 1 has 7 verses with 29 words

Pattern 1729a:

1729 is the 449th non-additive composite. [pattern 449]

Pattern 1729b:

Ramanujan number (taxicab numbers):

The smallest number which can be expressed as the sum of two positive cubes in two different ways:

$$1729 = 1^3 + 12^3$$

$$1729 = 9^3 + 10^3$$

Pattern 1729c:

Masahiko Fujiwara showed that 1729 is one of four positive integers (1, 81, 1458) which is the product of its digit sum times the reversal of its digit sum:

$$\text{Digit sum of } 1729 = 1+7+2+9 = 19$$

$$1729 = 19 \times 91$$

Note 1:

91 is the smallest number which can be expressed as the sum of two cubes in two different ways:

$$91 = 6^3 + (-5)^3 = 4^3 + 3^3$$

Pattern 1729d:

Brown Numbers: <http://mathworld.wolfram.com/BrownNumbers.html>

Brocard's Problem: <http://mathworld.wolfram.com/BrocardsProblem.html>

Brown numbers are pairs (m, n) of integers satisfying the Brocard's problem:  
 $n! + 1 = m^2$

Only three Brown pairs of numbers are known: (5, 4), (11, 5), (71, 7)

The average of the squares of the greatest number in each pair of the Brown numbers equals 1729.

$$1729 = (5^2 + 11^2 + 71^2) \div 3$$

Pattern 1729e:

1729 is the first absolute Euler pseudoprime.

An absolute Euler pseudoprime is Euler pseudoprimes to any base coprime to itself.

An odd composite integer n is an Euler pseudoprime to base b, if a and n are coprime, and  $b^{(n-1)/2} \equiv \pm 1 \pmod{n}$ .

Pattern 1729f:

1729 is a sphenic number,  
 1729 is a centered cube number,  
 1729 is a 12-gonal number,  
 1729 is a 24-gonal and  
 1729 is a 84-gonal number.

Pattern 1729g:

1729 is divisible by the sum of its digits in base-10 (1729,  $1 + 7 + 2 + 9 = 19$ ) [Harshad number].

1729 is divisible by the sum of its digits in base-8  
 (1729 in base-8 = 3301,  $3 + 3 + 0 + 1 = 7$ ).

1729 is divisible by the sum of its digits in base-16  
 (1729 in base-16 = 6C1,  $6 + C + 1 = 19$ ).

Not in base-2.

Pattern 1729h:

The 1729th decimal place is the beginning of the first consecutive occurrence of all ten digits without repetition in the decimal representation of Euler's number.

**Euler's number e:**

2.718281828459045235360287471352662497757247093699959574966967627724076630353547594571382  
17852516642742746639193200305992181741359662904357290033429526059563073813232862794349076  
32338298807531952510190115738341879307021540891499348841675092447614606680822648001684774  
11853742345442437107539077744992069551702761838606261331384583000752044933826560297606737  
11320070932870912744374704723069697720931014169283681902551510865746377211125238978442505  
69536967707854499699679468644549059879316368892300987931277361782154249992295763514822082  
698951936680331825288693984964651058209392398294887933203625094431173012340197068416140397  
01983767932068328237646480429531180232878250981945581530175671736133206981125099618188159  
30416903515988885193458072738667385894228792284998920868058257492796104841984443634632449  
68487560233624827041978623209002160990235304369941849146314093431738143640546253152096183  
69088870701676839642437814059271456354906130310720851038375051011574770417189861068739696  
55212671546889570350354021234078498193343210681701210056278802351930332247450158539047304  
19957777093503660416997329725088687696640355570716226844716256079882651787134195124665201  
03059212366771943252786753985589448969709640975459185695638023637016211204774272283648961  
34225164450781824423529486363721417402388934412479635743702637552944483379980161254922785  
09257782562092622648326277933386566481627725164019105900491644998289315056604725802778631  
86415519565324425869829469593080191529872117255634754639644791014590409058629849679128740  
68705048958586717479854667757573205681288459205413340539220001137863009455606881667400169  
84205580403363795376452030402432256613527836951177883863874439662532249850654995886234281  
899707733276171783928034946501434558897►0719425863◀...

**The circle constant  $\pi$ :**

3.141592653589793238462643383279502884197169399375105820974944592307816406286208998628034  
82534211706798214808651328230664709384460955058223172535940812848111745028410270193852110  
55596446229489549303819644288109756659334461284756482337867831652712019091456485669234603  
48610454326648213393607260249141273724587006606315588174881520920962829254091715364367892  
59036001133053054882046652138414695194151160943305727036575959195309218611738193261179310  
51185480744623799627495673518857527248912279381830119491298336733624406566430860213949463  
95224737190702179860943702770539217176293176752384674818467669405132000568127145263560827  
78577134275778960917363717872146844090122495343014654958537105079227968925892354201995611  
21290219608640344181598136297747713099605187072113499999983729780499510597317328160963185  
95024459455346908302642522308253344685035261931188171010003137838752886587533208381420617  
17766914730359825349042875546873115956286388235378759375195778185778053217122680661300192  
78766111959092164201989380952572010654858632788659361533818279682303019520353018529689957  
73622599413891249721775283479131515574857242454150695950829533116861727855889075098381754  
63746493931925506040092770167113900984882401285836160356370766010471018194295559619894676  
78374494482553797747268471040475346462080466842590694912933136770289891521047521620569660  
24058038150193511253382430035587640247496473263914199272604269922796782354781636009341721  
64121992458631503028618297455570674983850549458858692699569092721079750930295532116534498  
72027559602364806654991198818347977535663698074265425278625518184175746728909777727938000  
81647060016145249192173217214772350141441973568548161361157352552133475741849468438523323  
907394143334547762416862518983569485562►0992192221◀...

**The golden ratio  $\phi$ :**

1.618033988749894848204586834365638117720309179805762862135448622705260462818902449707207  
20418939113748475408807538689175212663386222353693179318006076672635443338908659593958290  
56383226613199282902678806752087668925017116962070322210432162695486262963136144381497587  
01220340805887954454749246185695364864449241044320771344947049565846788509874339442212544  
87706647809158846074998871240076521705751797883416625624940758906970400028121042762177111  
77780531531714101170466659914669798731761356006708748071013179523689427521948435305678300  
22878569978297783478458782289110976250030269615617002504643382437764861028383126833037242  
9267526311653392473167111211588186385133162038400522165791286675294654906811317159934323  
59734949850904094762132229810172610705961164562990981629055520852479035240602017279974717  
53427775927786256194320827505131218156285512224809394712341451702237358057727861600868838  
29523045926478780178899219902707769038953219681986151437803149974110692608867429622675756  
05231727775203536139362107673893764556060605921658946675955190040055590895022953094231248  
23552122124154440064703405657347976639723949499465845788730396230903750339938562102423690  
25138680414577995698122445747178034173126453220416397232134044449487302315417676893752103  
06873788034417009395440962795589867872320951242689355730970450959568440175551988192180206  
40529055189349475926007348522821010881946445442223188913192946896220023014437702699230078  
03085261180754519288770502109684249362713592518760777884665836150238913493333122310533923  
21362431926372891067050339928226526355620902979864247275977256550861548754357482647181414  
51270006023890162077732244994353088999095016803281121943204819643876758633147985719113978  
153978074761507722117508269458639320456►5209896985◀...

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Further Research:  
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1)

Starting from N=114 and using bi-symmetry (as stated in Quran 39:23) we should be able to find all 114 verses-per-chapter numbers mathematically, just as chapter 87 was found to have 19 verses to keep chapter 57 at its position regardless of sorting order of the chapter table by C×V multiplication.

2a)

God says angels have 2, 3, or 4 wings

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ الْحَمْدُ لِلَّهِ فَاطِرِ السَّمُوتِ وَالْأَرْضِ جَاعِلِ الْمَلَكِةِ رُسُلًا أُولَئِكَ أَجْنَحُهُ مِثْنَى وَثُلَاثَ وَرُبْعٍ يَزِيدُ فِي الْخَلْقِ مَا يَشَاءُ ۚ إِنَّ اللَّهَ عَلَى كُلِّ شَيْءٍ قَدِيرٌ

Quran 35:1 "In the Name of Allah, the All-beneficent, the All-merciful.

All praise belongs to Allah, originator of the heavens and the earth, maker of the angels [His] Messengers, possessing wings, two, three or four [of them].

He adds to the creation whatever He wishes. Indeed Allah has power over all things."

which may mean that angels are programs that God uses to regulate the affairs of the universe and the number of their wings might be bases for different number systems. [Abdulsalam Al-Mayahi, UK]

2b)

Or 2, 3, or 4 wings could refer to the number of prime factors a number has. So we may need to reclassify numbers into N-prime-factors not simple primes and composites.

- The Unit	has 0 prime factors	[ 1 = 1]
- Primes	have 1 prime factor	[ 7 = 7]
- Semi-primes	have 2 prime factors	[ 9 = 3×3]
- Tri-primes	have 3 prime factors	[114 = 2×3×19]. Sphenic number has 3

distinct prime factors.

- Quad-primes	have 4 prime factors	[100 = 2×2×5×5]
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... and God adds to the creation whatever He wishes يَزِيدُ فِي الْخَلْقِ مَا يَشَاءُ

3)

Addition and subtraction of  $3^i$  [ $i=0..N$ ] builds all numbers from 1 to sum of all " $3^i$ "s. Ex:  $3^0$ ,  $3^1$ ,  $3^2$ ,  $3^3 = 1, 3, 9, 27$  respectively can build all numbers from 1 to 40:

```

1 = 1
2 = 3-1
3 = 3
4 = 1+3
5 = 9-3-1
6 = 9-3
7 = 9-3+1
8 = 9-1
9 = 9
10 = 9+1
11 = 9+3-1
12 = 9+3
13 = 9+3+1
...
40 = 27+9+3+1

```

This may imply a base-3 number system is used in the Quran.

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CREDITS  
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Pattern 1 : J. Rahmani and Kourosh Jamneshan, Iran. [<http://amazing19.com>]  
Pattern 2 : J. Rahmani and Kourosh Jamneshan, Iran. [<http://amazing19.com>]  
Pattern 3 : J. Rahmani and Kourosh Jamneshan, Iran. [<http://amazing19.com>]  
Pattern 4 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 5a: Halis Aydemir, Turkey. [<http://symmetricbook.com>]  
Pattern 5b: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 6a: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 6b: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 7a: Maher Amin, Iraq.  
Pattern 7b: Maher Amin, Iraq.  
Pattern 7c: Maher Amin, Iraq.  
Pattern 8 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 9a: Unknown Author.  
Pattern 9b: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 10: Maher Amin, Iraq.  
Pattern 11a: Sabri Tahboub, Palestine and Dr. Hatim Zaghloul, Egypt.  
[<http://7ameem.com>]  
Pattern 11b: Sabri Tahboub, Palestine.  
Pattern 11c: Sabri Tahboub, Palestine.  
Pattern 12 : Sabri Tahboub, Palestine.  
Pattern 14a: Sabri Tahboub, Palestine.  
Pattern 14b: Sabri Tahboub, Palestine.  
Pattern 14c: Sabri Tahboub, Palestine.  
Note 1 : Sabri Tahboub, Palestine.  
Pattern 15a: Sabri Tahboub, Palestine.  
Note 1 : Sabri Tahboub, Palestine.  
Pattern 15b: Sabri Tahboub, Palestine.  
Pattern 15c: Sabri Tahboub, Palestine.  
Pattern 15d: Sabri Tahboub, Palestine.  
Note 1 : Sabri Tahboub, Palestine.  
Pattern 16a: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 16b: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 17a: Abdullah Jalghoum, Jordan.  
Pattern 17b: Abdullah Jalghoum, Jordan.  
Pattern 17c: Abdullah Jalghoum, Jordan.  
Pattern 17d: Maher Amin, Iraq.  
Pattern 17e: Abdullah Jalghoum, Jordan.  
Pattern 17f: Maher Amin, Iraq.  
Pattern 17g: Maher Amin, Iraq.  
Pattern 19a: Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 19b: Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 19c: Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 19d: Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 19e: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Sabri Tahboub, Palestine.  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 3 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 4 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 19f: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 19g: Sabri Tahboub, Palestine.  
Pattern 20a: Sabri Tahboub, Palestine and Dr. Hatim Zaghloul, Egypt.  
Pattern 20b: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 20c: Sabri Tahboub, Palestine.  
Pattern 20d: Sabri Tahboub, Palestine and Dr. Hatim Zaghloul, Egypt.  
Pattern 20e: Sabri Tahboub, Palestine.

Pattern 20f: Sabri Tahboub, Palestine.  
 Pattern 20g: Maher Amin, Iraq and Sabri Tahboub, Palestine.  
 Note 1 : Sabri Tahboub, Palestine.  
 Pattern 21a: Sabri Tahboub, Palestine.  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 21b: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 2 : Maher Amin, Iraq.  
 Pattern 21c: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 22a: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 22b: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 22c: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 22d: Sabri Tahboub, Palestine.  
 Note 1 : Sabri Tahboub, Palestine.  
 Note 2 : Sabri Tahboub, Palestine.  
 Pattern 22e: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 22f: Sabri Tahboub, Palestine.  
 Pattern 23a: Dr. Haifeng Xu, Math Dept, University of Yangzhou, China.  
 Pattern 23b: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 23c: Fathy Darweesh, Egypt. [<http://facebook.com/fathy.darweesh>]  
 Pattern 31a: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 31b: Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 31c: Aminreza Abrahimi Saba, Iran.  
 Pattern 32 : Sabri Tahboub, Palestine.  
 Pattern 37a: Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 1a : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 1b : Israa Abdul-Razzaq Abdul-Kareem, Iraq.  
 Note 2a : Ge Jin Ting, Yancheng, Jiangsu, China.  
 Note 2b : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 3a : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 3b : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 3c : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 4 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 3 : Salim Salih Husein, Iraq.  
 Note 5a : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Note 5b : Ted Stanov, Bulgaria. [[6-5x4322@gmx.com](mailto:6-5x4322@gmx.com)]  
 Note 6a : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Note 6b : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 7 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 8 : Unknown, Prime Curios! [<http://primes.utm.edu/curios/page.php/37.html>]  
 Note 9 : Patterson, Prime Curios! [<http://primes.utm.edu/curios/page.php/37.html>]  
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 Note 13a : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 13b : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 14 : Losnak, Prime Curios! [<http://primes.utm.edu/curios/page.php/37.html>]  
 Note 15 : Wu, Prime Curios! [<http://primes.utm.edu/curios/page.php/37.html>]  
 Note 16a : Ted Stanov, Bulgaria. [[6-5x4322@gmx.com](mailto:6-5x4322@gmx.com)]  
 Note 16b : Ted Stanov, Bulgaria. [[6-5x4322@gmx.com](mailto:6-5x4322@gmx.com)]  
 Note 17 : Waring's problem, [http://en.wikipedia.org/wiki/37\\_\(number\)](http://en.wikipedia.org/wiki/37_(number))  
 Note 18 : Ted Stanov, Bulgaria. [[6-5x4322@gmx.com](mailto:6-5x4322@gmx.com)]  
 Note 19 : Centered hexagonal number,  
[http://en.wikipedia.org/wiki/Centered\\_hexagonal\\_number](http://en.wikipedia.org/wiki/Centered_hexagonal_number)  
 Pattern 37b: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Pattern 37c: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Pattern 37d: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Pattern 37e: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Pattern 37f: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Note 1 : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 37g: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
 Pattern 37h: Sabri Tahboub, Palestine.  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]



Pattern 57a: Maher Amin, Iraq.  
 Pattern 57b: Sabri Tahboub, Palestine.  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 2 : Well known fact in support of Abjad Gematria system.  
 Pattern 91 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 1 : Abdul-Daem Al-Kaheel (عبد الدائم الكحيل), Syria. [http://kaheel7.com]  
 Note 2 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 110 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 1 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 2 : Abdulkhaliq BuShikhi, Morocco/France.  
 Note 3 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 113 : Sabri Tahboub, Palestine.  
 Pattern 114a: Ali Adams, Iraq. [http://heliwave.com]  
 Note 1 : Sabri Tahboub, Palestine.  
 Note 2 : Hady Al-Thahaby, Iraq. [http://facebook.com/hadyalthahaby]  
 Note 3 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 4 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 5 : Ali Adams + Mahmoud Allu Abu-Mu'tez  
 Note 6 : Sabri Tahboub, Palestine.  
 Note 7 : Sabri Tahboub, Palestine.  
 Note 8a : Ali Adams, Iraq. [http://heliwave.com]  
 Note 8b : Aminreza Abrahimi Saba, Iran.  
 Note 8c : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 114b: Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 114c: Maher Amin, Iraq.  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 129a: http://ar-  
 ar.facebook.com/permalink.php?story\_fbid=1656783217889383&id=1450804781820562  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 2 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Pattern 129b: Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Pattern 129c: Maher Amin, Iraq.  
 Pattern 129d: Abdulkhaliq BuShikhi, Morocco/France.  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 2 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 129e: Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 1 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 2 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 3 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 4 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Note 5 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 6 : Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Pattern 139a: Yunis Hasan Al-Yasiri, Iraq.  
 Pattern 139b: Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 139c: Yunis Hasan Al-Yasiri, Iraq.  
 Pattern 227a: Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 227b: Sabri Tahboub, Palestine.  
 Pattern 227c: Fakhir60 [http://answering-  
 christianity.com/fakhir60/prime\_numbers\_in\_the\_holy\_quran]  
 Pattern 227d: Sabri Tahboub, Palestine.  
 Pattern 227e: Maher Amin, Iraq.  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 2 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 229 : Sabri Tahboub, Palestine.  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 2 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 3 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 4 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 5 : Ali Adams, Iraq. [http://heliwave.com] + Sabri Tahboub, Palestine.  
 Note 6 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 7 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 8 : Sabri Tahboub, Palestine.  
 Note 9 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 263a: Ali Adams, Iraq. [http://heliwave.com]  
 Note 1 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 2 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 3 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 4 : Ali Adams, Iraq. [http://heliwave.com]  
 Note 5 : Ali Adams, Iraq. [http://heliwave.com]  
 Pattern 263b: Sabri Tahboub, Palestine.

Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 269a: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 269b: Sabri Tahboub, Palestine.  
Pattern 297 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 319a: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Sabri Tahboub, Palestine.  
Note 3 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 4 : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Note 5 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 6 : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Note 7 : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Note 8 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 9 : Diana Hamdan, Jordan.  
Note 10 : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Pattern 319b: Abdullah Jalghoum, Jordan [C+V], Maher Amin, Iraq [C×V]  
Note 1 : Maher Amin, Iraq.  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 319c: Abdullah Jalghoum, Jordan.  
Pattern 319d: Abdullah Jalghoum, Jordan [chapters], Maher Amin, Iraq [verses]  
Pattern 319e: Diana Hamdan, Jordan.  
Pattern 319f: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 319g: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Pattern 319h: Abdullah Jalghoum, Jordan.  
Note 1 : Khaled Fagih, Jordan [[km\\_fagih@aabu.edu.jo](mailto:km_fagih@aabu.edu.jo)]  
Note 2 : Sabri Tahboub, Palestine.  
Pattern 319i: Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Pattern 319j: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 319k: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 449a: Sabri Tahboub, Palestine.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Punches, Prime Curios! [<http://primes.utm.edu/curios/page.php/449.html>]  
Pattern 449b: Dr. Haifeng Xu, Math Dept, University of Yangzhou, China.  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Sabri Tahboub, Palestine.  
Note 3 : Thoms, Prime Curios! [<http://primes.utm.edu/curios/page.php/449.html>]  
Note 4 : Wagler, Prime Curios! [<http://primes.utm.edu/curios/page.php/449.html>]  
Note 5 : <http://www.virtuescience.com/449.html>  
Note 6 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 7 : Sabri Tahboub, Palestine.  
Note 8 : Sabri Tahboub, Palestine.  
Pattern 449c: Ali Adams, Iraq. [<http://heliwave.com>]  
Pattern 506a: Ali Adams, Iraq. [<http://heliwave.com>] and Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Tariq Majeed Al-Kraimi, Iraq.  
Note 2a : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2b : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 3 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 4 : Dr. Hatim Zaghlool, Egypt. [<http://7ameem.com>]  
Note 5 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 6 : Dr. Waleed S. Mohammed, Thailand. [<http://7ameem.com>]  
Note 7 : Sabri Tahboub, Palestine.  
Pattern 506b: Ali Adams, Iraq. [<http://heliwave.com>]  
Note 1 : Sabri Tahboub, Palestine.  
Note 2 : Sabri Tahboub, Palestine.  
Pattern 561 : Sabri Tahboub, Palestine  
Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 3 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 4 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 5 : Ali Adams, Iraq. [<http://heliwave.com>]  
Note 6 : Sabri Tahboub, Palestine  
Note 7 : Ali Adams, Iraq. [<http://heliwave.com>]

Note 8 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 9 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 10 : [https://en.wikipedia.org/wiki/Carmichael\\_number](https://en.wikipedia.org/wiki/Carmichael_number)  
 Note 11 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 12 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 619a: Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 3 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 4 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 5 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 6 : [<http://primes.utm.edu/curios/page.php/19.html>]  
 Note 7 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 8 : Dr. Waleed S. Mohammed, Thailand. [<http://7ameem.com>]  
 Note 9 : Hady Al-Thahaby, Iraq. [<http://facebook.com/hadyalthahaby>]  
 Note 10 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 11 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 619b: Dr. Waleed S. Mohammed, Thailand. [<http://7ameem.com>]  
 Note 1 : Dr. Waleed S. Mohammed, Thailand. [<http://7ameem.com>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 3 : Dr. Waleed S. Mohammed, Thailand. [<http://7ameem.com>]  
 Note 4 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 619c: Sabri Tahboub, Palestine.  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 619d: Hady Al-Thahaby, Iraq. [<http://facebook.com/hadyalthahaby>]  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 619e: Hady Al-Thahaby, Iraq. [<http://facebook.com/hadyalthahaby>]  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 2 : Hady Al-Thahaby, Iraq. [<http://facebook.com/hadyalthahaby>]  
 Pattern 619f: Mahmoud Allu Abu-Mu'tez, Palestine. محمود علو ابو معتز  
 Pattern 619g: Hady Al-Thahaby, Iraq. [<http://facebook.com/hadyalthahaby>]  
 Pattern 619h: Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 1 : Hady Al-Thahaby, Iraq. [<http://facebook.com/hadyalthahaby>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 729a: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 729b: Aminreza Abrahimi Saba, Iran.  
 Pattern 729c: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 729d: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 729e: Jafar Al-Badran, UK.  
 Pattern 729f: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 729g: Jafar Al-Badran, UK.  
 Pattern 777a: [http://youtu.be/G28nR1Jl\\_N4](http://youtu.be/G28nR1Jl_N4)  
 Pattern 777b: [http://youtu.be/G28nR1Jl\\_N4](http://youtu.be/G28nR1Jl_N4)  
 Pattern 777c: [http://youtu.be/G28nR1Jl\\_N4](http://youtu.be/G28nR1Jl_N4)  
 Pattern 777d: [http://youtu.be/G28nR1Jl\\_N4](http://youtu.be/G28nR1Jl_N4)  
 Note 1 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Note 2 : Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 1729a: Ali Adams, Iraq. [<http://heliwave.com>]  
 Pattern 1729b: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))  
 Pattern 1729c: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))  
 Pattern 1729d: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))  
 Pattern 1729e: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))  
 Pattern 1729f: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))  
 Pattern 1729g: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))  
 Pattern 1729h: [http://en.wikipedia.org/wiki/1729\\_\(number\)](http://en.wikipedia.org/wiki/1729_(number))

Ali Adams (علي عبد الرزاق عبد الكريم القره غولي)  
 MSc Software Engineering, UK, 1994  
 BSc Electrical Engineering, Iraq, 1988  
 Website: [heliwave.com](http://heliwave.com)  
 Email : [heliwave@yahoo.com](mailto:heliwave@yahoo.com)  
 Wechat : heliwave

*Do it right, not what most consider right.  
 ..... be a guiding light .....*

All praise to God always.

God >

# The Sheeple

*Falsehood's become the truth ... and chaos has spread,  
Liars are upheld ... and good mouths are well weld.  
Wisdom deserted all ... but a sleepless few,  
Trance became the norm ... and to reality blindness wed.  
Wake up and uphold ... what God has always said:  
Don't step over others ... to reach a higher end,  
Love each other so ... to the Truth you'd be led.*

Ali Adams

Allah is the only Giver and all rewards go in circles of  $\pi$ .

أعلم أن الله هو فقط الرزاق والثواب لتداول الأرزاق يدور بدوائر النسبة الثابتة  $\pi$

3.1415926535897932384626433832795028841971693993751058209749445923078164062862089  
98628034825342117067982148086513282306647093844609550582231725359408128481117450  
28410270193852110555964462294895493038196442881097566593344612847564823378678316  
52712019091456485669234603486104543266482133936072602491412737245870066063155881  
74881520920962829254091715364367892590360011330530548820466521384146951941511609  
43305727036575959195309218611738193261179310511854807446237996274956735188575272  
48912279381830119491298336733624406566430860213949463952247371907021798609437027  
705392171762931767523393192550604009277016711390098488240128583616035637 ...

Please give people, animals and plants near you love, clean air, water, food, medicine, clothes, etc. and ask Allah sincerely to bring forward the re-appearance of our Imam peace be upon him and his forefathers and all praise to Allah always.

إشكر الله عملياً بإعطاء الناس والحيوانات والنباتات حباً حقيقياً وهواءً نظيفاً وماءً مَروياً وأكلًا صحياً ودواءً مُشفياً وملبساً مُدفعاً وأدع الله سبحانه وتعالى أن يقرب ظهور إمام العصر والزمان عليه وعلى آباءه الصلاة والسلام والحمد لله رب العالمين.

[www.heliwave.com](http://www.heliwave.com)