بِسْمِ ٱللَّهِ ٱلرَّحْمِٰنِ ٱلرَّحِيمِ

In the name of God, Allah, the Merciful everywhere, the Merciful everywhen بسم الله ذو الرحمة التي وسعت كل مكان وكل زمان

114

Mathematical Structure of the Quran

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2019AD - 1440AH www.heliwave.com

Letter Valuation Systems

There are thousands of Letter_Value systems. The Quran may be using 7 systems only. Here are just a few of them:

Abjad_Gematria		Initials_F	Initials_Frequency		Frequency_Linear			Alphabet_Primes		
١	1	1	13		١	1		١	2	
ب	2				J	2		ب	3	
ج	3				ن	3		ت	5	
٦	4				م	4		ث	7	
٥	5				ي	5		ح	11	
و	6	ح	7		و	6		ح	13	
ز	7				٥	7		خ	17	
ح ط	8				ر	8		٦	19	
ط	9				ب	9		ذ	23	
ي	10	ر	6		ت	10		ر	29	
ای	20				اک	11		ز	31	
J	30	س	5		ع	12		س	37	
م	40				ف	13		ش	41	
ن	50	ص	3		ق	14		ص	43	
س	60				س	15		ض	47	
ع ف	70	ط	4		7	16		ط	53	
ف	80				ذ	17		ظ	59	
ص	90	ع	2		ح	18		ع غ	61	
ق	100				ح	19		غ	67	
ر	200				ج خ	20		ف	71	
ش	300	ق	2		ش	21		ق	73	
ت	400	آک	1		ص	22		ك	79	
ث	500	J	13		ض	23		ل	83	
خ ذ	600	م	17		ز	24		م	89	
	700	ن	1		ث	25		ن	97	
ض	800	٥	2		ط	26		٥	101	
ظ	900				غ ظ	27		و	103	
غ	1000	ي	2		ظ	28		ي	107	

Letter simplification rules based on letter shape (not sound)

From	ی	ي	٦	ئ	دٔ	ö	ؤ	Ĩ	Í	١	ç	<u>-</u>	ن -	1	<u>د</u>
То	ي	ي	ي	ي	ي	٥	و	١	١	١	۶				

 $\label{limited_Alphabet_Primes1 @2008 Ali Adams.} $$ $$ $$ http://heliwave.com/Primalogy.pdf $$ $$ $$ $$ http://heliwave.com/Primalogy_AR.pdf $$$

SUMMARY CARD

القرءان = الفاتحة + رسالة Quran = Key + Message 114 chapters = 1 + 113114 سورة = 6236 verses = 7 + 62296236 ءاية = 7 Key = 7 verses = 29 words = الفاتحة = 7 ءايات = 29 كلمة = 139 letters + 124 diacritics + 56 dots 139 حرف + 124 حركة + 56 نقطة + 124 = 56th prime = 139 + 124 = العدد الأولى الـ 56 7 19 5 11 13 فالحركات والنقاط موجودة رياضياً قبل أن تكتب 23 29 31 37 41 43 47 53 79 59 61 67 71 73 83 89 قال الإمام على (ع): القرءان في الفاتحة والفاتحة 97 101 103 107 109 113 127 131 في البسملة والبسملة في الباء وأنّا النقطة تحت الباء 137 139 149 151 157 163 167 173 أبجد على = 110 وموقع 110 في سورة الفاتحة عليهم 179 181 191 193 197 199 211 223 227 229 233 239 241 251 257 <mark>263</mark> تكرار كلمات آهْدِنَا آلصَّرَٰطَ ٱلْمُسْتَقِيمَ = 1 6 5 ءاية 561 في القرءان = وَلَهَدَيْنَهُمْ صِرَٰطًا مُسْتَقِيمًا Diacritics and dots exist before they were written. AP = Prime number with a prime digit sum. (313, 3+1+3=7)فى القرءان 1 إمام + 6 إمام + 5 أسمة = 12 إمام XP = Prime number with a non-prime digit sum. (619, 6+1+9=16)أبجد حروف الـ12 إمام (ع ل ي ح س ن م د ج ف ر و) = 561 AC = Composite with a composite digit sum. (114. 1+1+4=6)أول 7 ءايات = 29 كلمة Fermat's Prime **XC** = Composite with a non-composite digit sum. (319, 3+1+9=13) ءاخر 7 ءايات = 29 كلمة $29 = 4 \times 7 + 1$ 黝紙展画 First 7 verses = 29 words $29 = 2^2 + 5^2$ أول 7 كلمات = 29 حرف Last 7 verses = 29 words ءاخر 7 كلمات = 29 حرف with 2 + 5 = 7First 7 words = 29 letters سابع عدد أولى ذو مجموع مراتب أولى AP7 = 29 Last 7 words = 29 letters نص حكيم له سر قاطع 7th Additive Prime AP7 = 29 صراط على حق نمسكه www.heliwave.com www.qurancode.com

```
      114 \div 2
      = 57
      506 \div 2
      = 253

      median(1..57)
      = 29
      median(1..253)
      = 127

      57 \times 29
      = 1653
      253 \times 127
      = 32131

      where
      where
      32^{\text{nd}} prime
      = 131
```

```
16<sup>th</sup> prime
                           53
                                                          32<sup>nd</sup> prime
                                                                               131
There are 16 primes with prime digit sums up to 114:
2, 3, 5, 7, 11, 23, 29, 41, 43, 47, 61, 67, 83, 89, 101, 113.
There are 53 composites with composite digit sums up to 114:
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.
There are 42 primes with non-prime digit sums up to 506:
13, 17, 19, 31, 37, 53, 59, 71, 73, 79, 97, 103, 107, 109, 127, 149, 163, 167, 181, 211, 233, 239, 251, 257, 271, 277, 293, 307, 347, 349, 367, 383, 389, 419,
431, 433, 439, 457, 479, 491, 499, 503.
There are 131 composites with non-composite digit sums up to 506:
10, 12, 14, 16, 20, 21, 25, 30, 32, 34, 38, 49, 50, 52, 56, 58, 65, 70, 74, 76,
85, 92, 94, 98, 100, 102, 104, 106, 110, 111, 115, 119, 120, 122, 124, 128, 133,
140, 142, 146, 148, 155, 160, 164, 166, 175, 182, 184, 188, 200, 201, 203, 205,
209, 210, 212, 214, 218, 221, 230, 232, 236, 238, 245, 247, 250, 254, 256, 265,
272, 274, 278, 287, 289, 290, 292, 296, 298, 300, 302, 304, 308, 319, 320, 322,
326, 328, 335, 340, 344, 346, 355, 362, 364, 368, 371, 377, 380, 382, 386, 388,
391, 395, 403, 407, 410, 412, 416, 418, 425, 427, 430, 434, 436, 445, 452, 454,
458, 469, 470, 472, 476, 478, 481, 485, 490, 494, 496, 500, 502, 506.
```

Mathematical Wonders of the Quran - 114 Amazing Numbers

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:

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

The Outer Text (القرءان العظيم) gives us all Laws for living out our life peacefully, while its Inner Text (القرءان الكريم) - when decrypted by Imam Al-Mehdi (AS) because "None can access it except the Purified (لا يمسه إلا المطهرون) - will gives 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 (سورة) meaning a Perimeter to protect an inner area. Each chapter is made up of many verses Or Ayahs (اوالة) 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,
            52, 99, 128, 111, 110, 98, 135,
123, 111, 43,
112, 78, 118, 64, 77, 227, 93, 88,
                                  69,
                                      60,
    30, 73, 54, 45, 83, 182, 88,
34,
                                  75, 85,
                     35, 38, 29,
54,
    53, 89, 59, 37,
                                  18,
                                      45,
    49, 62, 55, 78, 96, 29, 22,
                                  24,
60,
    11, 11, 18, 12, 12, 30, 52,
                                  52,
14,
                                      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,
                 5, 4, 7,
11, 8,
        3, 9,
                              3,
                                  6, 3,
    4,
         5,
 5,
```

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 (\sim 5%), antimatter (\sim 5%) and dark matter (\sim 19%), while non-interacting light rays stay as dark energy (\sim 71%) that expands space as stated in the Quran:

Quran 51:47 وَ ٱلسَّمَآءَ بَنَيْنُهَا بِأَیْنِدٌ وَ إِنَّا 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:

يَوْمَ نَطْوِى ٱلسَّمَآءَ كَطَىِّ ٱلسِّجِلِّ لِلْكُتُبِ ۚ كَمَا بَدَأْنَآ أَوَّلَ خَلْقٍ Quran 21:104 نُعِيدُهُ ۖ وَعْدًا عَلَيْنَآ ۚ إِنَّا كُنَّا فُعِلِينَ

"On a day when We will roll up the heaven the way a scriber 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:

Helical wavelength \div Helical diameter = Golden ratio (ϕ)

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

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http://heliwave.com/Reality.html
http://heliwave.com/Helical.Particle.Waves.pdf
http://heliwave.com/UnionDipole.pdf
```

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

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."
       has a Frequency_Linear value = 152 اللهم صل على محمد و٠ال محمد
      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."
      has a Frequency_Linear value = 114 لا الله محمد رسول لله
      has an Abjad Gematria value = 619 لا الله محمد رسول لله
       "There is no god but Allah. Muhammed is the Messenger of Allah.
      Ali is the Patron of Allah."
      has a Frequency_4n+1 value = 2×619 = C1034 لا اله الله محمد رسول لله علي ولي لله
      where 1034 is the Alphabet_Primes1 value of بسم لله الرحمن الرحيم
      لا الله الله محمد رسول لله علي ولي لله 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 "کتاب له" in them = 619.
      There are 4 verses in the Quran with the word "كتاب".
      The occurrence of letters of "کتاب له" in them = 114.
2. Quran 74:30 "Guarded by nineteen."
   where
                      = 8th prime
      19th composite = 8th non-additive composite = 30
                                                   = 30th composite
      19th additive 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:
```

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 (ϕ) 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... \sim = ϕ

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'khir)

The Alphabet_Primes1 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:

1789509417650562035100500719877616330018006587962463016451802860203000075974364015760777743539459121670921820714043268507540283621253602198272994827559646127695600981086594257955350542572685517086533597545126167495846131693842896143854584045545606159060680009818511978548221537347743658271164279170910759485028876617721

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

С	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

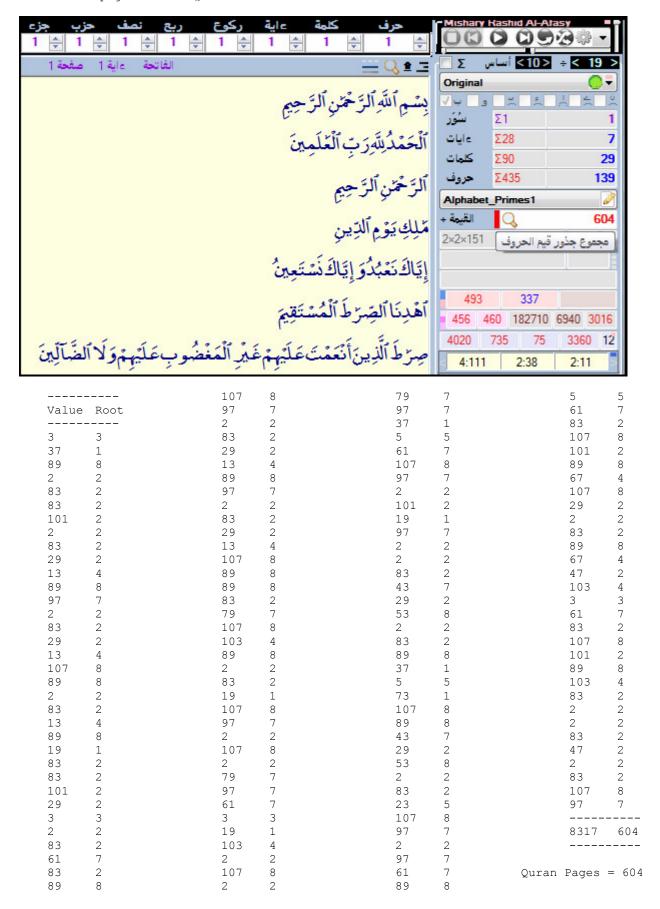
The first occurrence of the text (علي) in the Quran is at position 110

within the word (عليهم) in chapter 1 (الفاتحة).

```
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 الصرط المستقيم
      صرط الذين انعمت عليهم غير المغضوب عليهم ولا الضالين
      Names of Ahlul-Bayt (as):
      محمد المصطفى
      علي المرتضى
فاطمة الزهراء
      حسن المجتبى
      حسين الشهيد
      علي السجاد
      محمد الباقر
      جعفر الصادق
      موسى الكاظم
      علي الرضاً
      محمد الجواد
      علي الهاّدي
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
      6+6+15
                                   = 27
      10+10+15+21
                                   = 56
                                  = 66
      15+15+36
      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 Primalogy values of letters in chapter The Key = Number of pages in the Quran = 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.

```
{U}
                               = Whole number that is indivisible.
The Unit
Prime number
                          {P}
                               = Whole number that is divisible by itself only.
                          \{P\} = Whole number that is divisible \{AP\} = Prime with a prime digit sum.
Additive Prime
                          {XP} = Prime with a non-prime digit sum.
Non-additive Prime
Composite number
                          {C} = Whole number that is divisible by itself and others.
                          {AC} = Composite with a composite digit sum.
Additive Composite
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,
                        13, 17, 19,
\{C\} = 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, ...
     = 4, 6, 8, 9,
{AC}
                                15,
                                        18,
                                                     22, 24,
                                                              25, ...
                    10, 12, 14,
{XC}
                                    16,
                                             20, 21,
Semiprime
               = composite with two prime divisors.
Sphenic number = composite with three distinct prime divisors.
               = the sum of all digits of a number.
Digit sum
   s(8317)
              = 8+3+1+7 = 19
    Excel formula: =SUM(INDEX(1*(MID(A2,ROW(INDIRECT("1:"&LEN(A2))),1)),,))
             = the final single digit sum of recursive digit sums = 1+[N-1 \pmod{9}].
Digital root
    r(8317) = 1 \text{ 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 \text{ 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 \text{ 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
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 الصرط المستقيم
صرط الذين انعمت عليهم غير المغضوب عليهم ولا الضالين
First 7 words = 29 letters
بسم الله الرحمن الرحيم
الحمد لله رب
Last 7 \text{ verses} = 29 \text{ words}
ومن شرحاسد 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 \text{ words} = 29 \text{ letters}
يوسوس في صدور الناس
من ألجنه 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:
11,
with 2, 19, 23, 317, 1031, 49081, 86453, 109297 and 270343 "1" digits.
See http://oeis.org/A004023
The first 7 verses of the Quran use 109 letters of verse 1's (bismAllah) letters.
The last 7 verses of the Quran 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
              = Key + Message
 114 chapters = 1 + 113
  6236 \text{ 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 = P3 = 2+3
 17 = P7 = 2+3+5+7
 41 = P13 = 2+3+5+7+11+13
{ 1, 6, 9 }
  169 = 13 \times 13 [square number]
 196 = 14 \times 14 [square number]
 619 = P114 \quad [6 \times 19 = 114]
              [125 = 5 \times 5 \times 5 \text{ cubic number}]
 691 = P125
 916 = 4\times229 [229 4-chapter groups with chapter sum = 229 and verse sum = 229] 961 = 31\times31 [square number]
{ 114, 506 }
114 \div 2 = 57
median(1...57) = 29
            57 \times 29 = 1653
                      P16 = 53
There are 16 additive primes up to 114
There are 53 additive composites up to 114
506 \div 2 = 253
median(1...253) = 127
            253 \times 127 = 32131
                        P32 = 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
P114
      = 619
114 + 506 = 620
C506
         = 621
AP319
          = P621
XC114 + AC114 - C114 = 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!
8 0	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 >= 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
06 821
                                                                                      5!-4!+3!-2!+1!
                                                                                  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!
                          =
    36614981
515616581
11
                                                              11!-10!+9!-8!+7!-6!+5!-4!+3!-2!+1!
12
                                                         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
\begin{array}{rclcrcl} 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! \\ \end{array}
```

For $M \ge 9$, 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.

يَسْمِ ٱللَّهُ ٱلرَّحْمَٰنِ ٱلرَّحِيمِ

اَلْحَمْدُ لَٰهُ وَبُّ
```

THE PATTERNS

Chapter-Verse Sums

Name	Chapter	Verses	Sum	Even Sum	Odd Sum
 ىفاتىحة	ـــــــــــــــــــــــــــــــــــــ	 7	8	 8	
البقرة	2	286	288	288	
عمران		200	203		203
النساء		176	180	180	105
ـمائـدة الأنـعام		120 165	125 171		125 171
الأعراف الأعراف		206	213		213
الأنفال	8	75	83		83
التوبة		129	138	138	
يونس	10 11	109	119 134	1 2 /	119
هود يـوسف	12	123 111	123	134	123
الرعد	13	43	56	56	
لراهيم		52	66	66	
الحجر	15	99	114	114	
الـنحل الإسراء	16 17	128 111	144 128	144 128	
الم سراء الكهف	18	110	128	128	
مريْم	19	98	117		117
طه	20	135	155		155
لأنبياء		112 78	133	100	133
الحج مؤمنون	22 23 ال	118	100 141	100	141
حوصتوں الـنور	24	64	88	88	
لفرقان		77	102	102	
لشعراء		227	253	100	253
الـنمل الـقـصص	27 28	93 88	120 116	120 116	
العسس عنكبوت		69	98	98	
الروم	30	60	90	90	
لقمان	31	34	65		65
السجدة	32	30 73	62 106	62 106	
الأحزاب سبإ	33 34	73 54	88	106 88	
سبب فاطر	35	45	80	80	
يـس	36	83	119		119
ـصافـات		182	219	100	219
ص الـزمـر	38 39	88 75	126 114	126 114	
الرسر غافر	40	85	125	114	125
فصلت	41	54	95		95
الشورى	42	53	95	100	95
الزخرف الدخان	43 44	89 59	132 103	132	103
الدمان لجاثية	45 ال	37	82	82	103
الأحقاف		35	81		81
محمد	47	38	85		85
الفتح	48	29	77		77
ــحجر ات ق	49 50	18 45	67 95		67 95
ى ناريات		60	111		111
الطور	52	49	101		101
النجم	53	62	115		115
القمر الرحمن	54 55	55 78	109 133		109 133
الرحمی لواقعة		96	152	152	100
الحديد	57	29	86	86	
مجادلة		22	80	80	
الحشر ممتحنة	59 60 اك	24 13	83 73		83 73
ممتحته الصف	61	13 14	73 75		73 75
٠	O1		, 0		, 5

الجمعة	62	11	73		73
المنافقون التغابن	63 64	11 18	74 82	74 82	
الطلاق	65	12	77	02	77
التحريم	66	12	78	78	
الملك	67	30	97	100	97
القلم الحاقة	68 69	52 52	120 121	120	121
المعارج	70	44	114	114	121
نوح	71	28	99		99
الجن	72	28	100	100	0.0
المزمل المدثر	73 74	20 56	93 130	130	93
القيامة	75	40	115	130	115
الانسان	76	31	107		107
المرسلات	77	50	127		127
النبإ النازعات	78 79	40 46	118 125	118	125
عبس	80	42	122	122	123
التكوير	81	29	110	110	
الإنفطار	82	19	101		101
المطففين	83	36	119		119
الإنـشقـاق الـبروج	84 85	25 22	109 107		109 107
الطارق	86	17	103		103
الأعلى	87	19	106	106	
الغاشية	88	26	114	114	110
الفجر البلد	89 90	30 20	119 110	110	119
الشمس	91	15	106	106	
الليل	92	21	113		113
الضحى	93	11	104	104	
الـشرح الـتين	94 95	8	102 103	102	103
العلق	96	19	115		115
القدر	97	5	102	102	
البينة	98	8	106	106	
الزلزلة	99	8	107		107
العاديات القارعة	100 101	11 11	111 112	112	111
التكاثر	102	8	110	110	
العصر	103	3	106	106	
الهمزة	104	9	113 110	110	113
الفيل قريش	105 106	5 4	110	110 110	
الماعون	107	7	114	114	
الكوثر	108	3	111		111
الكافرون	109	6	115		115
الـنصر الـمسد	110	3 5	113 116	116	113
المسد الإخلاص	111 112	4	116	116	
الفلق	113	5	118	118	
النا س	114	6	120	120	
	114				
Sum				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 لله الرحمن الرحيم".

Note 1: There are 786 verses with prime Abjad_Gematria values.

С	V	Duplica C+V	ate Unique C+V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 33 33 33 33 33 33 33 33 33 33	7 286 200 176 120 165 206 75 129 123 111 43 52 99 128 1110 98 135 278 1110 98 135 278 88 69 60 34 37 34 43 88 53 88 54 53 88 54 53 88 54 54 54 55 56 56 57 57 57 57 57 57 57 57 57 57 57 57 57	125 83 119 114 128 133 100 88 102 120 116 106 88 80 119 114 125 95 95 103 82 77 95 111	
49 50	18 45	95	152 86

```
63
                        74
          11
               82
    64
         18
                77
    65
          12
    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
                118
          40
    79
          46
                125
    80
          42
                       122
                110
    81
          29
                101
    82
          19
    83
           36
                 119
                109
          25
    84
    85
         22
                107
    86
         17
                103
         19
                106
    87
    88
          26
                 114
                119
          30
    89
    90
                110
         20
    91
         15
                106
    92
                113
         21
    93
          11
                       104
                102
    94
          8
    95
                103
         8
    96
         19
                115
    97
         5
                102
                106
    98
         8
    99
          8
                 107
                111
    100
          11
         11
    101
                       112
         8
    102
                110
                106
         3
    103
                113
110
    104
          9
         5
    105
                110
    106 4
    107
         7
                114
    108 3
                111
         6
                115
113
    109
    110
          3
         5
                116
    111
    112
                116
         4
    113
         5
                118
    114
         6
                120
Sum 6555 6236 7906 4885
    _____
    Duplicate C+V ÷ Unique C+V
    7906 \div 4885 = 1.6184237461617195496417604912999...
    \begin{array}{lll} \mbox{golden ratio } (\phi) & = 1.6180339887498948482045868343656... \\ \mbox{difference} & = 0.0003897574118247014371736569343... \end{array}
```

~= 0.0241%

http://en.wikipedia.org/wiki/Golden ratio

error

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```
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) ~= 448 \div 277
```

	С	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... 
golden ratio (\phi) = 1.6180339887498948482045868343656... 
difference = -0.0007054688942991803345507332826... 
error ~= -0.0436%
```

http://en.wikipedia.org/wiki/Golden_ratio

Note 1: ϕ = helical wavelength ÷ 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

С	V	$C \times A$	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31	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	7 572 600 704 600 990 1442 600 1161 1090 1353 1332 559 728 1485 2048 1887 1980 1862 2700 2352 1716 2714 1536 1925 5902 2511 2464 2001 1800 1054 960	

```
33
          73
                2409
               1836
    34
         54
    35
          45
                1575
    36
          83
                2988
    37
                6734
          182
    38
          88
                3344
    39
          75
                2925
    40
          85
                3400
    41
          54
                2214
    42
          53
                2226
                3827
    43
          89
    44
          59
                2596
    45
         37
                1665
         35
    46
                1610
    47
          38
                1786
                1392
    48
          29
    49
         18
               882
    50
         45
               2250
          60
                3060
    51
    52
          49
                2548
    53
          62
                3286
          55
                2970
    54
    55
          78
                4290
    56
         96
               5376
---> 57
         29
                1653 <--- Pivot chapter
    58
          22
                1276
                1416
    59
          24
                780
    60
         13
    61
         14
               854
    62
          11
                682
    63
          11
                693
                1152
    64
          18
    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
                1932
    92
          21
    93
                1023
         11
    94
          8
                752
    95
          8
                760
    96
          19
                1824
         5
    97
                485
    98
          8
                784
    99
          8
                792
         11
    100
                1100
    101
                1111
          11
    102
                 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) $\sim=$ $(u \div d) \div b$

43	89		3827
44	59		2596
45	37		1665
46	35		1610
47 48	38 29		1786 1392
49	18		882
50	45		2250
51	60		3060
52 53	49 62		2548
54	55		3286 2970
55	78		4290
56	96		5376
57 58	29 22	1653	1276
59	24		1416
60	13	780	
61	14		854
62 63	11 11		682 693
64	18		1152
65	12	780	
66	12	792	
67 68	30 52		2010 3536
69	52		3588
70	44		3080
71	28		1988
72 73	28 20		2016 1460
74	56		4144
75	40		3000
76 77	31 50		2356 3850
78	40		3120
79	46		3634
80 81	42 29		3360 2349
82	19		1558
83	36	2988	
84	25		2100
85 86	22 17		1870 1462
87	19	1653	1100
88	26		2288
89 90	30 20	1800	2670
91	15	1000	1365
92	21		1932
93	11		1023
94 95	8 8		752 760
96	19		1824
97	5		485
98	8	700	784
99 100	8 11	792	1100
101	11		1111
102	8		816
103 104	3 9		309 936
104	5		525
106	4		424
107	7		749
108 109	3 6		324 654
110	3		330
111	5		555
112	4		448

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

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

	Duplic	 ate	Uniqu	 ue	Duplicate	 Unique
С	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	4	15	15	1.0	
9	5	4	13 15	1 =	13	
10 11	5	9	20	15	20	
12	3	9	15	15	20	
13	5	8	21	10	21	
14	11	Ü	25	25	21	
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 24		21 15	44 39		44 39	
25		20	45		45	
26	30	20	56	56	40	
27		26	53	0.0	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	46	77	77	0.0	
36 37	40	40	82 77	77	82	
38	40	50	88	, ,	88	
50		50	0.0			

20		21	70		70
39 40	40	31	80	80	70
41	10	56	97		97
42	20		62	62	
43		28	71		71
44		28	72		72
45		44	89		89
46		52	98		98
47 48		52	99		99
49		30 12	78 61		78 61
50	12	12	62	62	01
51		18	69		69
52	11		63	63	
53		11	64		64
54	14		68	68	
55 56	13 24		68 80	68 80	
57	21	22	79	00	79
58		29	87		87
59	96		155	155	
60		78	138		138
61		55	116		116
62	62	4.0	124	124	110
63 64	60	49	112 124	124	112
65	00	45	110	121	110
66		18	84		84
67		29	96		96
68		38	106		106
69		35	104		104
70 71		37	107		107
72		59 89	130 161		130 161
73		53	126		126
74		54	128		128
75		85	160		160
76		75	151		151
77		88	165		165
78 79		182 83	260 162		260 162
80		45	125		125
81		54	135		135
82	73		155	155	
83		30	113		113
84	60	34	118	1.45	118
85 86	60 69		145 155	145 155	
87	09	88	175	133	175
88		93	181		181
89		227	316		316
90		77	167		167
91	64		155	155	
92		118	210		210
93 94		78 112	171 206		171 206
95	135	112	230	230	200
96		98	194		194
97		110	207		207
98		111	209		209
99	128	0.0	227	227	100
100		99 52	199		199
101 102	43	52	153 145	145	153
103	111		214	214	
104	123		227	227	
105	109		214	214	
106		129	235		235
107 108		75 206	182 314		182 314
100		200	J14		J 1 4

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

Pattern 7b: The ratio of V $\,$ of initialized chapters to non-initialized chapters $\sim=$ $\pi\div4$ The ratio of C×V of initialized chapters to non-initialized chapters $\sim=$ $\phi\div4$

С	Non-I V	nitiali C×V	zed V	Initialized C×V
 1	7	 7		
2			286	572
3			200	600
4	176	704		
5	120	600		
6 7	165	990	000	1.4.40
/ 3	7.5	600	206	1442
	75 129	600 1161		
0	123	1101	109	1090
1			123	1353
2			111	1332
3			43	559
4			52	728
5			99	1485
6	128	2048		
7	111	1887		
8	110	1980		
)			98	1862
	110	0050	135	2700
	112 78	2352		
	118	1716 2714		
	64	1536		
	77	1925		
			227	5902
			93	2511
			88	2464
			69	2001
)			60	1800
			34	1054
		0.400	30	960
3 1	73 54	2409		
	54 45	1836 1575		
5 5	45	13/3	83	2988
7	182	6734	03	2900
3	102	0751	88	3344
)	75	2925		0011
)			85	3400
L			54	2214
2			53	2226
			89	3827
4			59	2596
5			37	1665
6			35	1610

	47 48	38 29	1786 1392		
	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	18 60 49 62 55 78 96 29 22 24 13 14 11 11 18 12	882 3060 2548 3286 2970 4290 5376 1653 1276 1416 780 854 682 693 1152 780 792	45	2250
	67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 107 108 108 108 108 108 108 108 108 108 108	30 52 44 28 20 56 40 40 42 29 19 36 32 22 17 19 26 30 20 11 8 8 11 18 8 19 5 4 7 3 6 3 5 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	2010 3588 3080 1988 2016 1460 4144 3000 2356 3850 3120 3634 31558 2988 2100 1462 1653 2288 2670 1806 1365 1932 760 1824 485 784 792 1101 1111 816 309 936 525 448 565 448 565 684	52	3536
Sum	6555	3493	148958	2743	60071

```
Initialized V \div Non-Initialized V = 2743 \div 3493 = 0.7852848554251359862582307472087... circle ratio (\pi) \div 4 = 0.7853981633974483096156608458199... difference error = -0.0001133079723123233574300986112... ~= -0.014% https://en.wikipedia.org/wiki/Pi
```

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

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+A	CSum	PSum	CxV	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 23	78	100	100		1716 2714	1716	
23	118 64	141 88	141 88		1536	2714 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	

 Sum	6236	12791	10799	1992	209029	176599	32430
113	6	120	120		684	684	
112 113	4 5	116 118	116 118		448 565	448 565	
111	5 4	116 116	116 116		555 448	555 448	
110	3	113	110	113	330	555	330
109	6	115	115		654	654	
108	3	111	111		324	324	
107	7	114	114		749	749	
105	4	110	110		424	424	
104 105	9 5	113 110	110	113	936 525	525	936
103	3	106	106	110	309	309	036
102	8	110	110		816	816	
101	11	112	112		1111	1111	
100	11	111	111		1100	1100	
99	8	107		107	792	. • -	792
98	8	102	102		485 784	784	
96 97	19 5	115 102	115 102		1824 485	1824 485	
95 96	8 1 0	103	115	103	760	1024	760
94	8	102	102	100	752	752	7.60
93	11	104	104		1023	1023	
92	21	113		113	1932		1932
91	15	106	106		1365	1365	
89 90	30 20	119 110	119 110		2670 1800	2670 1800	
88 80	26 30	114	114		2288	2288	
87	19	106	106		1653	1653	
86	17	103		103	1462		1462
85	22	107		107	1870		1870
84	25	109		109	2100		2100
83	36	119	119		2988	2988	•
82	19	101		101	1558		1558
81	29	110	110		2349	2349	
80	42	122	122		3360	3360	
79	46	125	125		3634	3634	
7 7 78	40	127	118	12/	3850	3120	2020
76 77	50	107		107 127	2356 3850		3850
75 76	40 31	115 107	115	107	3000 2356	3000	2356
74	56	130	130		4144	4144	
73	20	93	93		1460	1460	
72	28	100	100		2016	2016	
71	28	99	99		1988	1988	
70	44	114	114		3080	3080	
69	52	121	121		3588	3588	
68	52	120	120	י נ	3536	3536	2010
66 67	30	78 97	10	97	792 2010	134	2010
65 66	12 12	77 78	77 78		780 792	780 792	
64	18	82	82		1152	1152	
63	11	74	74		693	693	
62	11	73		73	682		682
61	14	75	75	-	854	854	
60	13	03 73		03 73	780		780
58 59	22 24	80 83	80	83	1276 1416	1276	1416
57 58	29	86 80	86 80		1653	1653	
56	96	152	152		5376	5376	
55	78	133	133		4290	4290	
54	55	109		109	2970		2970
53	62	115	115		3286	3286	
52	49	101		101	2548		2548
51	60	111	111		3060	3060	
49 50	18 45	67 95	95	67	882 2250	2250	882
4.0	1.0	67		67	0.00		0.00

Sum of composite C+V sums \div Sum of prime C+V sums

```
= 5.421184738955823293172690763052...
10799 ÷ 1992
                    = 2.710592369477911646586345381526... \times 2
Euler's number (e) = 2.718281828459045235360287471352...
       difference = -0.007689458981133588773942089826...
error ~= -0.283%
http://en.wikipedia.org/wiki/E (mathematical constant)
Sum of composite C \times V products \div Sum of prime C \times V products
176599 \div 32430 = 5.445544249152019734813444341659...
                    = 2.722772124576009867406722170829... \times 2
Euler's number (e) = 2.718281828459045235360287471352...
       difference = 0.004490296116964632046434699477...
                  ~= 0.165%
```

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	С	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	ا لإخلاص	112	4	448
7	الُقدر	97	5	485
8	الفيل	105	5	525
9	المسد	111 13	5	555
10	الرعد	113	43 5	559
11 12	الفلق البقرة	2	286	565 572
13	البھرہ آل عمران	3	200	600
14	ال عمران المائدة	5	120	600
15	الشالد » الأنفال	8	75	600
16	الكافرون	109	6	654
17	الحمعة	62	11	682
18	الناس	114	6	684
19	المنافقون	63	11	693
20	النساء	4	176	704
21	ابراهیم	14	52	728
22	الماعون	107	7	749
23	الشرح	94	8	752
24	التين	95	8	760
25	الممتحنة	60	13	780
26	ا لـطلاق	65	12	780
27	البينة	98	8	784
28	التحريم	66	12	792
29	الزلزلة	99	8	792
30	التكاثر	102	8	816
31	الصف	61	14	854
32 33	الحجرات	49 104	18 9	882 936
34	الـهمزة الـسحدة	32	30	960
35	السجدة الأنعام	6	165	990
36	المنحم	93	11	1023
37	الصحى	31	34	1023
38	بعمان ب	10	109	1090
39	يويس العاديات	100	11	1100
40	القارعة	101	11	1111
41	التغابن	64	18	1152
42	التوبة	9	129	1161

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

-	26 الشعر	227	5902
	37 الصاف	182	6734
Sum	655	5 6236	209029

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
1	الصافات	37	182	6734
2	الشعراء	26	227	5902
3	الصو اقعة	56	96	5376
4	الرحمن	55	78	4290
5	الصدثر	74	56	4144
6	الصرسلات	77	50	3850
7	الرخرف	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	النبإ	78	40	3120
16	المعارج	70 51	44	3080 3060
17	الـذاريـات القـىامـة	75	60 40	3000
18 19	-	36	83	2988
20	یس المطفقین	83	36	2988
21	المطعلين	54	55	2970
22	النوسر	39	75	2925
23	المؤمنون	23	118	2714
24	· ڪيو ڪيون طه	20	135	2700
25	الفجر	89	30	2670
26	. ر 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 2250
35 36	الشيا	50 42	45 53	2226
37	الـشورى فصلت	41	54	2214
38	ا لإنـشقـاق	84	25	2100
39	، ہِ سست ی النحل	16	128	2048
40	الـجن	72	28	2016
41	الملك الملك	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 51	سبا	34	54	1836
51 52	العلق	96 30	19 60	1824
53	الروم العلد	90	60 20	1800 1800
54	محمد	47	38	1786
55	الحج	22	78	1716
			. •	

77 77 77 77 78 88 88 88 88 88 88 89 99 99 99 99 99 11 11 11 11 11	74 75 76 77 78 79 30 31 32 33 34 35 36 37 38 39 90 10 20 20 30 30 40 40 50 60 60 60 60 60 60 60 60 60 60 60 60 60	التوبة التغابن التغابن العارعة العاديات الشحى الشحى السجدة الإنعام السجدة البهمزة البحمرات الممتحنة البينة البينة البينة البينة البينة الممتحنة البينة الماعون البينة الماعون	9 64 101 100 10 31 93 6 32 104 49 61 102 66 99 98 60 65 95 94 107 14 4 63 114 62 109 3 5 8 2 113 111 105 97 112 106 110 108 110 108 110 110 110 110 110 110	129 18 11 109 34 11 165 30 9 18 14 8 12 8 8 13 12 8 8 7 52 176 11 6 11 6 200 120 75 286 5 4 4 3 3 3 5 5 6 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	1161 1152 1111 1100 1090 1054 1023 990 960 936 882 854 816 792 780 760 752 749 728 704 693 684 600 600 600 5755 5555 5255 448 424 330 324 3324 339 7	0	
-						-	

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

53 Additive Composite Chapters

#	С	V
1 2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 11 2 3 14 5 16 7 18 9 10 11 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3	4 6 8 9 15 18 22 24 26 27 28 33 35 40 42 44 45 46 48 51 45 55 57 60 62 63 64 66 68 69 77 77 78 80 81 82 83 84 86 87 88 89 89 89 80 80 80 80 80 80 80 80 80 80 80 80 80	176 165 75 129 99 110 78 64 227 93 88 73 45 83 75 85 53 59 37 35 29 60 55 78 29 13 11 11 18 12 52 28 40 50 40 42 29 19 25 17 19 26 20 15 11 8 19 8 5 3 4 6 2703

1431 3157 2703

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

C	V			C C-V U C-V		Len(V)	Len(C-V)
1	7	6	-	6	-		_
2	286	284 197	1 0 7	284	1	2	2
3	200		197	170	1	3	3
4 5	176	172		172			
	120	115		115			
6 7	165 206	159 199	199	159	1	3	3
8	75		67		1	2	2
9	129	120	0 /	120	1	۷	2
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	4.0	2	2	1
33	73	40		40			
34	54	20		20			
35	45	10	47	10	^	^	0
36 37	83 182	47 145	47	1 4 5	2	2	2
38	88	50		145 50			
39	75	36		36			
40	85	45		45			
41	54	13	13	10	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 63 64	11 11 18	51 52 46	E 2	51 52 46		2	2	2
	65 66	12 12	53 54	53	54		2	2	2
	67 68	30 52	37 16	37	16		2	2	2
	69 70	52 44	17 26	17	26		2	2	2
	71 72	28 28	43 44	43	44		2	2	2
	73	20	53	53			2	2	2
	74 75 76 77 78 79 80 81 82	56 40 31 50 40 46 42 29	18 35 45 27 38 33 38 52 63		18 35 45 27 38 33 38 52 63				
	83 84	36 25	47 59	47 59			2 2	2 2	2 2
	85 86 87 88	22 17 19 26	63 69 68 62		63 69 68 62		_	_	2
	89 90	30 20	59 70	59	70		2	2	2
	91 92 93 94 95 96 97 98	15 21 11 8 8 19 5	76 71 82 86 87 77 92 90	71	76 82 86 87 77 92 90		2	2	2
	99 100 101 102 103 104 105 106 107	8 11 11 8 3 9 5 4 7	91 89 90 94 100 95 100 102 100	89	91 90 94 100 95 100 102 100		3	2	2
	108 109 110 111 112 113 114	5 3 5 4 5 6	105 103 107 106 108 108	103 107	105 106 108 108 108		3 3	1	3
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:

#	С	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 = $676 = 26^{\circ}2$ Sum of verse digit sums in square chapter numbers is square = $100 = 10^{\circ}2$ Difference between the square sums is square = $676 - 100 = 576 = 24^{\circ}2$ Sum of the square roots is square = $26 + 10 = 36 = 6^{\circ}2$ Difference between the square roots is square = $26 - 10 = 16 = 4^{\circ}2$

Pattern 11b:
Chapters with verses of prime digits only:

#		С	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
1	С	46	35
1:	1	54	55
12	2	58	22
1:	3	68	52
1	4	69	52
1	5	84	25
1	6	85	22
1	7	97	5
18	3	103	3
1	9	105	5
20	О	107	7
2	1	108	3
22	2	110	3
2		111	5
2	4	113	5

Sum 1551 975

C-V $1551 - 975 = 576 = 24^2 =$ Square of number of chapters

Pattern 11c:

Chapters with verses of composite digits only:

#	С	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:

#	С	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:

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

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

С	V	$C-\Lambda$	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:

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

Note 1: 577 = P106 = AP57

106 + 57 = 163

Pattern 15b: Composite chapters with composite verses:

11 100.			pcers with
C	V	CV	VC
4689121415168211415168221222425728332334358394649055568456689707747577888485899124455568666897072475778884858991241141111111111111111111111111111111		4176 6165 875 9129 12111 1452 1599 16128 18110 20135 21112 2278 2464 2577 2793 2888 3030 3454 53888 3975 4635 4918 5045 5578 6512 6612 6652 7024 8425 7754 806 7754 807 7754 807 807 807 807 807 807 807 807 807 807	1764 1656 758 1299 11112 5214 9915 12816 11018 13520 11221 7822 6424 7725 9327 8828 6030 3032 5434 4535 8838 7539 8540 3546 1849 4550 6051 4952 5554 7855 9656 2258 1864 1265 1266 5268 5269 4470 2872 5674 4075 5077 4078 4280 2584 2285 2688 2090 1591 2192 894 895 898 899 8102 9104 4106 4112 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
33 36 8336 3683
39 30 8930 3089
109 6 1096 6109
1016 1935 188225 126836

l are additive composites

Pattern 15d: Composite chapters with prime verses:

С	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					
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	16034 <i>6</i>	 5 116561	 All	are	additive	composit

```
Note 1:
```

```
Sum of all divisors of 1661 = 1+11+151+1661
                                                                     = 1824 = 2 \times 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 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:

There	are 78	verses	with	square	sec
#	Seq	С	V	C=V	
1	1	1	1	1	
2	4 9	1 2	4 2	2	
4	16	2	9		
5	25	2	18		
6	36	2	29		
7 8	49 64	2	42 57		
9	81	2	74		
10	100	2	93		
11	121	2	114		
12	144	2	137		
13 14	169 196	2	162 189		
15	225	2	218		
16	256	2	249		
17	289	2	282		
18 19	324 361	3	31 68		
20	400	3	107		
21	441	3	148		
22	484	3	191		
23 24	529 576	4 4	36 83		
25	625	4	132		
26	676	5	7		
27 28	729	5	60		
29	784 841	5 6	115 52		
30	900	6	111		
31	961	7	7	7	
32 33	1024 1089	7 7	70 135		
34	1156	7	202		
35	1225	8	65		
36	1296	9	61		
37 38	1369 1444	10 10	5 80		
39	1521	11	48		
40	1600	12	4		
41	1681	12	85	1.4	
42 43	1764 1849	14 15	14 47	14	
44	1936	16	35		
45	2025	16	124		
46	2116	17	87		
47 48	2209 2304	18 19	69 54		
49	2401	20	53		
50	2500	21	17		
51	2601	22	6		
52 53	2704 2809	23 24	31 18		
54	2916	25	61		
55	3025	26	93		
56	3136	26	204		
57 58	3249 3364	27 29	90 24		
59	3481	31	12		
60	3600	33	67		

```
3721 36
  61
               16
  62
      3844 37
              56
               181
  63
      3969 37
               38
-
           39
  64
      4096
  65
      4225
           41
  66
      4356
           43
                31
  67
      4489 45
               16
  68
      4624 49
               12
               26
           52
  69
       4761
  70
       4900
           54
                54
                     54
                62
           56
  71
      5041
                7
  72
      5184 62
  73
      5329 69
           73
               1
  74
      5476
  75
       5625
           77
               18
           80
  76
      5776
               20
  77
      5929 85
  78
      6084 93
  _____
Sum 3081 161239 1636 5248 78
  _____
```

Sum of (chapter number = verse number) = 78

Note 1: 78 = C56 = AC36P56 = 26356 + 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	С	V		
	1 2 23 61	1 4 529 3721	1 1 4 36	1 4 36 16	SqC SqC SqC SqC	SqV 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.

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 < --

EO: There are 27 even chapters with odd verses.

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 --> 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 --> 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 < --\$

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 \div Count of even-verse chapters = $54 \div 60 = 0.9$ Sum of odd-verse chapter numbers \div Sum of even-verse chapter numbers = $3105 \div 3450 = 0.9$

25 26	25 26	
27 28	27	28
29 30	29	30
30 31 32		31 32
33 34	33	34
35	35	34
36 37 38	36	37
38 39	39	38
40	40	4.1
41 42	42	41
43 44	43 44	
45 46	45 46	
47		47
48 49	48	49
50 51 52	50	51
52	52	
53 54	54	53
55		55 56
56 57 58	57	
58 59		58 59
60 61	60	61
62	62	
63 64	63	64
65 66		65 66
67 68		67 68
69		69
70 71		70 71
72		72
73 74		73 74
75 76	76	75
77 78		77 78
79		79
80 81	81	80
82 83	82	83
84	84	
85 86	86	85
87 88	87	88
89		89
90 91	91	90
92 93	92 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 reverse chapter numbers = 3105 Sum of even-verse chapter numbers = Sum of reverse chapter numbers = 3450 Count of odd-verse chapters \div Count of even-verse chapters = $54 \div 60 = 0.9$ Sum of odd-verse chapter numbers \div Sum of even-verse chapter numbers = $3105 \div 3450 = 0.9$

Odd-verse chapters

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-v	erse cl	napters	
#	С	V	rC
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 40 40 40 40 40 40 40 40 40 40 40 40	2 3 4 5 7 14 16 18 19 21 22 33 31 32 34 37 38 41 49 51 55 56 58 59 61 66 67 68 69 70 71 72 73 74 75 75 75 76 76 77 77 77 77 77 77 77 77	286 200 176 120 206 52 128 110 98 112 78 64 88 60 34 30 54 118 88 60 54 182 88 18 60 62 78 96 22 24 14 18 12 30 52 44 28 28 20 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 40 56 56 56 56 56 56 56 56 56 56 56 56 56	113 112 111 110 108 101 99 97 96 94 93 92 91 87 85 84 83 81 77 74 68 66 64 62 60 59 57 56 54 51 50 49 48 47 46 45 44 43 42 41 40

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

Pattern 17e:

Even-verse chapters in first half = 1310 + 1380 = 2690Even-verse chapters in second half = 1434 + 1256 = 2690Odd-verse chapters in first half = 1099 + 1315 = 2414Odd-verse chapters in second half = 1152 + 1060 = 2212

Sum of verse sequences for:

Even-verse chapters in first half = 6244241 = Additive Prime Even-verse chapters in second half = 1811696 = $2\times3\times5\times19\times59\times137$ = 114×40415 Odd-verse chapters in first half = 6783719 = Additive Prime Odd-verse chapters in second half = 1811696 = $2\times2\times2\times2\times199\times569$

Pattern 17f:

Sum of chapters in even-verse even chapters = 1752 Sum of reverse chapters in even-verse odd chapters = 1752

Sum of reverse chapters in even-verse even chapters = 1698 Sum of chapters in even-verse odd chapters = 1698

Sum of digit sums of chapters in even-verse even chapters = 258 Sum of digit sums of reverse chapters in even-verse odd chapters = 258

Even Chapters with Even Verves

C V rC s(C) s(V) s(rC) 2 286 113 2 16 5 4 176 111 4 14 3 14 52 101 5 7 2 16 128 99 7 11 18 18 110 97 9 2 16 22 78 93 4 15 12 24 64 91 6 10 10 28 88 87 10 16 15 30 60 85 3 6 13 32 30 83 5 3 11 34 54 81 7 9 9 38 88 77 11 16 14 56 96 59 11 15 14 58 22 57 13 4	2 286 113 2 16 5 4 176 111 4 14 3 14 52 101 5 7 2 16 128 99 7 11 18 18 110 97 9 2 16 22 78 93 4 15 12 24 64 91 6 10 10 28 88 87 10 16 15 30 60 85 3 6 13 32 30 83 5 3 11 34 54 81 7 9 9 38 88 77 11 16 14 56 96 59 11 15 14 58 22 57 13 4 12 64 18 51 10 9 6 66 12 49 12 3 13 6						
4 176 111 4 14 3 14 52 101 5 7 2 16 128 99 7 11 18 18 110 97 9 2 16 22 78 93 4 15 12 24 64 91 6 10 10 28 88 87 10 16 15 30 60 85 3 6 13 32 30 83 5 3 11 34 54 81 7 9 9 38 88 77 11 16 14 56 96 59 11 15 14 58 22 57 13 4 12 64 18 51 10 9 6 66 12 49 12 3 13 68 52 47 14 7 11 7	4 176 111 4 14 3 14 52 101 5 7 2 16 128 99 7 11 18 18 110 97 9 2 16 22 78 93 4 15 12 24 64 91 6 10 10 28 88 87 10 16 15 30 60 85 3 6 13 32 30 83 5 3 11 34 54 81 7 9 9 38 88 77 11 16 14 56 96 59 11 15 14 58 22 57 13 4 12 64 18 51 10 9 6 66 12 49 12 3 13 68 52 47 14 7 11 7	С	V	rC	s(C)	s(V)	s(rC)
32 30 83 5 3 11 34 54 81 7 9 9 38 88 77 11 16 14 56 96 59 11 15 14 58 22 57 13 4 12 64 18 51 10 9 6 66 12 49 12 3 13 68 52 47 14 7 11 70 44 45 7 8 9 72 28 43 9 10 7 74 56 41 11 11 5	32 30 83 5 3 11 34 54 81 7 9 9 38 88 77 11 16 14 56 96 59 11 15 14 58 22 57 13 4 12 64 18 51 10 9 6 66 12 49 12 3 13 68 52 47 14 7 11 70 44 45 7 8 9 72 28 43 9 10 7	4 14 16 18 22 24	176 52 128 110 78 64	111 101 99 97 93 91	4 5 7 9 4 6	14 7 11 2 15	3 2 18 16 12
		32 34 38 56 58 64 66 68 70 72 74	30 54 88 96 22 18 12 52 44 28 56	83 81 77 59 57 51 49 47 45 43	5 7 11 13 10 12 14 7 9	3 9 16 15 4 9 3 7 8 10	11 9 14 14 12 6 13 11 9 7

88	26	27	16	8	9
90	20	25	9	2	7
94	8	21	13	8	3
98	8	17	17	8	8
102	8	13	3	8	4
106	4	9	7	4	9
112	4	3	4	4	3
114	6	1	6	6	1
1752	1708	1698	258	250	267

Odd Chapters with Even Verses

С	V	rC	s(C)	s(V)	s(rC)
3	200	112	3	2	4
5	120	110		3	2
7	206	108		8	9
19	98	96	10	17	15
21		94	3	4	13
23		92	5	10	11
31	34	84	4	7	12
37	182	78	10	11	15
41	54	74	5	9	11
47	38	68	11	11	14
49	18	66	13	9	12
51	60	64	6	6	10
53	62	62	8	8	8
55	78	60	10	15	6
59	24	56	14	6	11
61	14	54	7	5	9
65	12	50	11	3	5
67	30	48	13	3	12
69	52	46	15	7	10
71	28	44	8	10	8
73	20	42	10	2	6
75	40	40	12	4	4
77	50	38	14	5	11
79	46	36	16	10	9
83	36	32	11	9	5
85	22	30	13	4	3
89	30	26	17	3	8
95	8	20	14	8	2
99	8	16	18	8	7
109	6	6	10	6	6
1698	1806	1752	303	213	258

Pattern 17g:

Sum of chapters in odd-verse odd chapters = 1551 Sum of reverse chapters in odd-verse even chapters = 1551

Sum of reverse chapters in odd-verse odd $\,$ chapters = 1554 chapters in odd-verse even chapters = 1554

Sum of digit sums of reverse chapters in odd-verse odd $\,$ chapters = 204 $\,$ Sum of digit sums of chapters in odd-verse even chapters = 204

Odd Chapters with Odd Verves

C	V	rC	s(C)	s (V)	s(rC)	
1	7	114	1	7	6	
9	129	106	9	12	7	
11	123	104	2	6	5	
13	43	102	4	7	3	
15	99	100	6	18	1	
17	111	98	8	3	17	

25	77	90	7	14	9
27	93	88	9	12	16
29	69	86	11	15	14
33	73	82	6	10	10
35	45	80	8	9	8
39	75	76	12	12	13
43	89	72	7	17	9
45	37	70	9	10	7
57	29	58	12	11	13
63	11	52	9	2	7
81	29	34	9	11	7
87	19	28	15	10	10
91	15	24	10	6	6
93	11	22	12	2	4
97	5	18	16	5	9
101	11	14	2	2	5
103	3	12	4	3	3
105	5	10	6	5	1
107	7	8	8	7	8
111	5	4	3	5	4
113	5	2	5	5	2
1551	1225	1554	210	226	204

Even Chapters with Odd Verses

C	V	rC	s(C)	s(V)	s(rC)
6 8 10 12 20 26 36 40 42 44 46 48 50 52 54 60 62 76 82 84 86 92 96 100 104 108 110	75 109 111 135 227 83 85 53 59 35 29 45 49 55 13 11 31 19 25 17 21 19 11 9 3	109 107 105 103 95 89 79 75 73 71 69 67 65 63 61 55 53 39 33 31 29 23 19 15 11 7 5	8 1 3 2 8 9 4 6 8 10 12 5 7 9 6 8 13 10 12 14 11	12 12 10 3 9 11 11 13 8 14 8 11 9 13 10 4 2 4 10 7 8 3 10 2 9 3 3	10 8 6 4 14 17 16 12 10 8 15 13 11 9 7 10 8 12 6 4 11 5 10 6 2 7 5
1554	1497	1551	204	219	246

Pattern 17h: Sum of $C \times V$ for odd verses is a multiple of 227:

С	V	$C \times V$
1	7	7
6	165	990
8	75	600
9	129	1161
10	109	1090
11	123	1353

	12 13 15 17 20 25 26 27 29 33 35 36 39 40 42 43 44 44 45 46 48 50 52 54 57 60 62 63 76 81 82 84 86 87 91 92 93 93 96 97 100 100 100 100 100 100 100 100 100 10	111 43 99 111 135 77 227 93 69 735 835 859 37 853 859 111 111 3129 125 1719 111 111 111 111 111 111 111 111 11	1332 559 1485 1887 2700 1925 5902 2511 2001 2409 1575 2988 2925 3400 2226 3827 2596 1665 1610 1392 2250 2548 2970 1653 780 682 693 2356 2349 1558 2100 1462 1653 1365 1932 1023 1462 1653 1365 1932 1023 1462 1653 1365 1932 1023 1462 1653 1365 1932 1023 1462 1653 1365 1932 1023 1462 1653 1365 1932 1023 1462 1653 1365 1932 1023 1365 1376 1397 1462 1578 1678 1678 1678 1789	
Count		54 	54	
Sum	3105	2722	88303 =	227×389

Pattern 17i: Sum of $C \times V$ for even verses is a multiple of 114:

V	$\mathbb{C}\!\times\!\mathbb{V}$
286	572
200	600
176	704
120	600
206	1442
52	728
128	2048
110	1980
98	1862
112	2352
78	1716
118	2714
	286 200 176 120 206 52 128 110 98 112 78

```
24
         64
                1536
     28
         88 2464
         60
              1800
     30
         34
30
               1054
960
     31
     32
         54
                1836
     34
     37
          182 6734
                3344
     38
         88
     41
          54
               2214
1786
     47
          38
               882
          18
     49
                3060
     51
         60
         62
                3286
     53
          78
96
              4290
5376
     55
     56
          22
                1276
     58
          24
               1416
     59
     61
          14
              854
               1152
          18
     64
          12
               780
792
     65
     66
          12
          30
               2010
     67
         52
                3536
     68
     69
         52
                3588
              3080
         44
     70
         28
28
               1988
2016
     71
     72
     73
                1460
          20
     74
          56
               4144
               3000
     75
          40
          50
40
                3850
3120
     77
     78
          46
                3634
     79
         42
                3360
     80
     83
         36
               2988
         22
26
               1870
2288
     85
     88
         30
                2670
     89
                1800
     90
         20
     94
         8
                752
         8
                760
     95
    98 8 784
99 8 792
102 8 816
106 4 424
109 6 654
        4
6
             448
684
     112
     114
     _____
Count 60 60 60
     _____
 Sum 3450 3514 120726 = 114 \times 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 + 80 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 +
                                                         1000+2000+3000+5000+50000+100000 = 162146 = 2 \times 17 \times 19 \times 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 و ال محمد has an Abjad_Gematria value = 557 557 = 4 \times 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."
                             14 is the number of persons in Muhammed and his household.
      The word "w" has an Alphabet AdditivePrimes1 value
      "Oh Allah, please bring nearer to You Muhammed and the household of Muhammed."
      has a Frequency_Linear value = 152 اللهم صل على محمد و،ال محمد
      152 = 8 \times 19 where 8th prime = 19
      152 = 8 \times 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:
           С
                   V
      #
      1 13 43
           43 89
97 5
      2
      3
                  11
            101
      4
           103 3
      5
           107
                  7
            113 5
      7
      Sum 577 163 Primes
     PIndex P106 P38 \leftarrow 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
       . (Al-hamdu liAllahi Rabbi Al-3alameen) ٱلْحَمْدُ لِلَّهِ رَبُّ ٱلْعُلَمِينَ
      http://en.wikipedia.org/wiki/Centered hexagonal number
      ______
      n n^3 - (n-1)^3
      _____
           1
      1
            7
```

19

37

61

3

4 5

```
91
          6
          7
                  127
                  169
          8
                  217
271
          10
         11
                   331
          12
                  397
         13
                  469
          14
                   547
          15
                    631
                   721
          16
                  817
         17
         18
                  919
                  1027
   ---> 19
                                      ٱلْحَمْدُ لَٰهِ رَبِّ ٱلْغُلَمِينَ Alphabet_Primes1 value of
                  1141
1261
          20
          21
                  1387
          22
          23
                  1519
          24
                  1657
                  1801
          25
          26
                    1951
                  2107
          27
          28
                  2269
          29
                  2437
          30
                  2611
   ---> 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 (2D)
         1 4 2 2
2 6 2 3
3 9 3 3
4 10 2 5

    10
    2
    5

    14
    2
    7

    15
    3
    5

    21
    3
    7

    22
    2
    11

    25
    5
    5

    26
    2
    13

    33
    3
    11

    34
    2
    17

    35
    5
    7

    38
    2
    19

    39
    3
    13

    46
    2
    23

    49
    7
    7

    51
    3
    17

          5
          6
          7
          8
          9
         10
         11
         12
         13
          14
         15
          16
          17
                                    17
                  51 3
55 5
          18
          19
                   55
                             5
                                       11
          -----
          Composites with 3 prime factors (3D)
         1 8 2 2 2 3 3 3 4 20 2 2 5 5 27 3 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 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

  _____
```

2D19 = 55 and 3D19 = 78 where

chapter 55 has 78 verses.

Note 1: 313 is sacred!

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

where

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

 $12^2 = 144$ $21^2 = 441$ $13^2 = 169$ $31^2 = 961$

Pattern 19g: _____

Compos	ites	with 4	prime	factors	(4D)	
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	

4D9 = 84 and 2D9 = 25 where chapter 84 has 25 verses. 4D10 = 88 and 2D10 = 26 where chapter 88 has 26 verses.

where

9 + 10 = 19

______ Verse Number Repetitions

Pattern 20:

rn 20:							
		13	88	28	71	43	54
Verse	Freq	14	87	29	69	44	53
		15	86	30	66	45	52
1	114	16	85	31	63	46	50
2	114	17	85	32	62	47	49
3	114	18	84	33	62	48	49
4	111	19	82	34	62	49	49
5	109	20	79	35	61	50	48
6	105	21	77	36	60	51	47
7	103	22	76	37	59	52	47
8	101	23	74	38	58	53	44
9	96	24	74	39	57	54	43
10	95	25	73	40	57	55	41
11	95	26	72	41	55	56	40
12	90	27	71	42	55	57	39

58	39	116	13	174	6		232	1
59	39	117	13	175	6		232	1
60	38	118	13	176	6		234	1
61	36	119	12	177	5		235	1
62	36	120	12	178	5		236	1
63	35	121	11	179	5		237	1
64	35	122	11	180	5		238	1
65	34	123	11	181	5		239	1
66	34	124	10	182	5		240	1
67	34	125	10	183	4		241	1
68	34	126	10	184	4		242	1
69	34	127	10	185	4		243	1
70	33	128	10	186	4		244	1
71	33	129	9	187	4		245	1
72	33	130	8	188	4		246	1
73	33	131	8	189	4		247	1
74	32	132	8	190	4		248	1
75	32	133	8	191	4		249	1
76	30	134	8	192	4		250	1
77	30	135	8	193	4		251	1
78	29	136	7	194	4		252	1
79	27	137	7	195	4		253	1
80	27	138	7	196	4		254	1
81	27	139	7	197	4		255	1
82	27	140	7	198	4		256	1
83	27	141	7	199	4		257	1
84	26	142	7	200	4		258	1
85	26	143	7	201	3		259	1
86	25	144	7	202	3		260	1
87	25	145	7	203	3		261	1
88	25	146	7	204	3		262	1
89	23	147	7	205	3		263	1
90	22	148	7	206	3		264	1
91	22	149	7	207	2		265	1
92	22	150	7	208	2		266	1
93	22	151	7	209	2		267	1
94	21	152	7	210	2		268	1
95	21	153	7	211	2		269	1
96	21	154	7	212	2		270	1
97	20	155	7	213	2		271	1
98	20	156	7	214	2		272	1
99	19	157	7	215	2		273	1
100	18	158	7	216	2		274	1
101	18	159	7	217	2		275	1
102	18	160	7	218	2		276	1
103	18	161	7	219	2		277	1
104	18	162	7	220	2		278	1
105	18	163	7	221	2		279	1
106	18	164	7	222	2		280	1
107	18	165	7	223	2		281	1
108	18	166	6	224	2		282	1
109	18	167	6	225	2		283	1
110	17	168	6	226	2		284	1
111	16	169	6	227	2		285	1
112	14	170	6	228	1		286	1
113	13	171	6	229	1			
114	13	172	6	230	1	Sum	41041	6236
115	13	173	6	231	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 = 167th deficient number.

167 = P39 = 39th 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 $1+2+3=1\times2\times3=6=$ 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	С	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
يـونـس	10	109	18
هـود	11	123	11
یـوسف	12	111	16
الرعد	13	43	54
ابراهیم	14	52	47
الحجر	15 16	99 128	19
النحل			10
الإسراء الكهف	17 18	111 110	16 17
*	19	98	20
مریم طه	20	135	8
صه الأنبياء	21	112	14
المنبياء الحج	22	78	29
المؤمنون	23	118	13
المنور	24	64	35
الفرقان	25	77	30
الشعراء	26	227	2
النمل	27	93	22
القصص	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 الصافات الزمر فصلت فافر الشورى الخرف الجاثية الجاثية العجاثية الغتج الفتح الفتح الذاريات ق النجم الطور النجم الطور المحادلة المحدي المحري المدي المحري	36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59 60 61 62 63 64 65 66 67 70 77 77 78 78 78 78 78 78 78 78 78 78 78	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 13 50 50 50 50 60 60 60 60 60 60 60 60 60 6	27 5 25 32 26 43 44 23 39 59 61 88 69 41 29 21 69 76 74 88 87 95 84 90 90 66 47 47 57 57 63 48 57 57 57 57 57 57 57 57 57 57 57 57 57
الجمعة	62	11	95
المنافقون	63	11	95
الطلاق	65	12	90
التحريم	66	12	90
القلم	68	52	47
الحاقة	69	52	47
نـوح	71	28	71
الـجن	72	28	71
المدثر	74	56 40	40
المرسلات	77	50	48
النازعات			
الإنفطار	82	19	82
المطففين	83	36	60
الإنشقاق	84	25	73
البروج	85	22	76
الطارق	86	17	85
الأعلى	87	19	82
الغاشية	88	26	72
الفجر	89	30	66
البلد	90	20	79
الشمس	91	15	86
الليل	92	21	77
الضحى	93	11	95
السشرح	94	8	101
التين	95	8	101
العلق	96	19	82
القدر	97	5	109
البينة	98	8	101
الزلزلة	99	8	101
العاديات	100	11	95
القارعة	101	11	95
التكاّثر	102	8	101
العصر	103	3	114
الهمزة	104	9	96
الفيل	105	5	109

قريش	106	4	111
الماعون	107	7	103
الكوثر	108	3	114
الكافرون	109	6	105
النصر	110	3	114
المسد	111	5	109
ا لإخلاص	112	4	111
العلق	113	5	109
النا س	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:

cn 21: 							
Name	С	V	1st	2nd	3rd	4th	5th
العصر	103	3	1				
الكوثر	108	3		2			
النصر	110	3			3		
قريش	106	4	1				
ا لإخلاص	112	4		2			
الُقدر	97	5	1				
الفيل	105	5		2			
المسد	111	5			3		
الفلق	113	5				4	
الكافرون	109	6	1				
النا س	114	6		2			
الفاتحة	1	7	1				
الماعون	107	7		2			
الشرح	94	8	1				
التين	95	8		2			
البينة	98	8			3		
الزلزلة	99	8				4	
التكاثر	102	8					5
الهمزة	104	9	1				
الجمعة	62	11	1				
المنافقون	63	11		2			
الضحى	93	11			3		
العاديات	100	11				4	
القارعة	101	11					5
الطلاق	65	12	1				
التحريم	66	12		2			
الممتحنة	60	13	1				
الصف	61	14	1				
الشمس	91	15	1				
الطارق	86	17	1				
الحجرات	49	18	1	0			
التغابن	64	18	4	2			
الإنفطار	82	19	1	0			
الأعلى	87	19		2	2		
العلق	96 73	19	1		3		
المزمل	73	20	1	2			
البلد	90	20	1	2			
الليل	92	21	1				
المجادلة	58 05	22	1	2			
البروج	85 50	22 24	1	۷			
الـحشر الإنـشقـاق	59 84	24 25	1				
الإنشقاق الغاشية	88	25 26	1				
	00 71	28	1				
نـوح	/ 1	4.0	Τ				

				_	
الـجن	72	28		2	
الفتح	48	29	1		
الحديد	57	29		2	
التكوير	81	29			3
السجدة	32	30	1		
الملك	67	30	_	2	
				2	2
الفجر	89	30			3
ا لانـسان	76	31	1		
لقمان	31	34	1		
ا لأحقا في	46	35	1		
المطففين	83	36	1		
الجاثية	45	37	1		
محمد	47	38	1		
القيامة	75	40	1		
النبإ	78	40		2	
عبس	80	42	1		
الرعد	13	43	1		
المعارج	70	44	1		
، سبت رج	35	45	1		
فاطر			_	0	
ق	50	45	_	2	
النازعات	79	46	1		
الطور	52	49	1		
المرسلات	77	50	1		
ابراهیم	14	52	1		
القلم	68	52	_	2	
	69	52		2	3
الحاقة			1		3
الـشورى	42	53	1		
سبإ	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		
الأحز أب	33	73	1		
الأنفال	8	75	1		
			1	2	
الزمر	39	75	_	2	
الفرقان	25	77	1		
الحج	22	78	1		
الرحمن	55	78		2	
يـس	36	83	1		
غافر	40	85	1		
القصص	28	88	1		
	38		_	2	
ص		88	1	2	
الزخرف	43	89	1		
النمل	27	93	1		
الواقعة	56	96	1		
مريم	19	98	1		
الحجر	15	99	1		
یونس	10	109	1		
الكهف	18		1		
•		110			
يـوسف	12	111	1		
الإسراء	17	111		2	
الأنبياء	21	112	1		
المؤمنون	23	118	1		
المائدة	5	120	1		
	11	123	1		
هـود ۱۰:۱۱					
النحل	16	128	1		
التوبة	9	129	1		
طه	20	135	1		
الأنعام	6	165	1		
النساء	4	176	1		
الصافات	37	182	1		
الساقات آل عمران	3	200	1		
ال عسرال	7				
الأعراف		206	1		
الشعراء	26	227	1		
البقرة	2	286	1		

Count	114	114	77 	24	8	3	2
Unique Count	114	114	77-24 53			3-2 1	2 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:

#	С	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
28	1123	260

Note 1: Quran 15:87

Sum

"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:

#	С	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
 1 28	1123	260	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 $(2\times2\times2\times2)$ has 128 $(2\times2\times2\times2\times2\times2\times2)$ verses

Pattern 22c: Chapter 36 $(2\times2\times3\times3)$ has 729 $(3\times3\times3\times3\times3\times3)$ words

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

#	С	V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	2 3 4 5 6 7 9 10 11 12 16 17 18 20 21 23 26 37	286 200 176 120 165 206 129 109 123 111 128 111 110 < 13th chapter 135 112 118 227 182
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 mod 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 [1111111111111111111111] is a prime repunit (repeated units) where (N mod 114) means the remainder (0-113) after dividing N by 114.

Example:

```
Chapter 87 with v=19 verses points to chapter [ 19 mod 114] = chapter 20 Chapter 20 with v=135 verses points to chapter [135 mod 114] = chapter [21] = chapter 22 Chapter 22 with v=78 verses points to chapter [ 78 mod 114] = chapter 79 Chapter 79 with v=46 verses points to chapter 46 mod 114] = chapter 47
```

. . .

```
Pattern 23b: The natural directed graph shown at http://heliwave.com/QuranGrid.png
             for v = verses per chapter --> chapters[(v mod 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 mod 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
                                         <-- 23rd Ramadhan = Night of Power.
      http://heliwave.com/23.pdf
Pattern 23c: Sum of digits of all numbers from 1 to 23 = 114
           114
    where
        The 114th's reverse 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 [قَبِأَيُّ ءَالآهِ رَبُّكُمَا تُكَذَّبَان] 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 = Mustageem" = 400 = P321 <-- 3 2 1
Pattern 31c:
      The Alphabet Primes1 value of the most repeated verse is 683
       where the verse has 4 words and is repeated 31 times where 4 \times 31 = 124
      See <a href="http://heliwave.com/1433.html">http://heliwave.com/1433.html</a>
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.
      Chapter 53 has 62 verses where 5 = P3 and 6 = C2
      Chapter 47 has 38 verses where P4 = 7 and C3 = 8
```

Sum

100

100

```
-----
```

```
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
               = AC33 + 1
 Note 3b: P21
           XC12 = AC21 + 1
 Note 3c:
          XC33 =
                                                             120
           114 = C83-P23-P9-C4-C1
           where 83 + 23 + 9 + 4 + 1 =
                                                            120
                  83-23-9+4+1 = 56 where SumDiv(56) = 120
           AP21 = P37
                                                           DF120
 Note 4: 144 = 33rd Abundant number
 Note 5a: 37 = 2 \times 19 - 1
 Note 5b: 73 = 2 \times 37 - 1
 Note 6a: 19
                = 2 \times 9 + 1
                = 4 \times 9 + 1
           37
           7.3
                = 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]
           2^3+5^7+11^13+17^19+23^29+31^37 =
 Note 8:
           15148954872646850196557152427604893685308877022260348791
           is a 56-digit additive prime with a digit sum = 263
                                                                   [pattern 263a]
           where 263 = P56
                263 + 56 = 319
           and
 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 P8 = 19
 Note 11: The sum of the first 37 primes is the 19th Fibonacci number:
            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
 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
                    23704221040671833170169036800000000000000001
            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 = P37 = AP21
            313 = P65 = AP37
            439 = P85 = XP37
             54 = C37 = AC23

80 = C57 = AC37
            133 = C100 = XC37
 Note 16b: 367 = P73 = AP31
            797 = P139 = AP73
            907 = P155 = XP73
             99 = C73 = AC49
            150 = C114 = AC73
            287 = C225 = XC73
 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 V1+V2
      _____
           176 113 5 181
      4
            176 111 5
                                181
      4
                                181
            176 105 5
                                181
            176 97 5
      4
                  79
69
            135
129
                         46
52
                                181
181
      20
      9
      9
            129 68
                         52
                                181
      40
           85
                   56
                         96
                                181
            128 42 53
93 38 88
98 36 83
                                181
      16
```

93 98

27 19 181 181

```
      21
      112
      29
      69
      181

      27
      93
      28
      88
      181

      9
      129
      14
      52
      181
```

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 = 7×487 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:

Paired Chapters

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

			_		_
#	C1	V1	C2	V2	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 37 37 37 37 37 37 37 37 37 37 37 37	103 103 108 106 97 97 97 105 105 111 109 1 94 94 94 94 95 95 98 99 62 62 62 62 62 63 63 63 63 93 100 65 49 82 82 87 73 58 71 48 48 48 48 48 48 48 48 48 48 48 48 48	3 3 3 4 5 5 5 5 5 5 6 7 8 8 8 8 8 8 8 8 8 8 11 11 11 11 11 11 1	108 110 110 112 105 111 113 111 113 114 107 95 98 99 102 98 99 102 98 102 99 102 63 93 100 101 93 100 101 101 66 64 87 96 90 85 72 57 81	3 3 3 4 5 5 5 5 5 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 11 11 11 11 11 11	

	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	4971	1287
2 3111					

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

rn	: a/c	There	are	5 /	
#		С			_
1		103	3		-
2		108 110	3 3		
4		106	4		
5		112	4		
6		109	6		
7 8		114 1	6 7		
9		107	7		
1		94	8		
1		95	8		
1 1		98 99	8 8		
1		102	8		
1		62	11		
1		63	11		
1 1		93 100	11 11		
1		101	11		
2		65	12		
2		66 49	12		
2		64	18 18		
2	4	82	19		
2		87	19		
2		96 73	19 20		
2		90	20		
2		58	22		
3		85	22		
3 3		71 72	28 28		
3		48	29		
3	4	57	29		
3		81	29		
3		32 67	30 30		
3		89	30		
3		75	40		
4		78 35	40 45		
4		50	45		
4	3	14	52		
4		68	52		
4		69 34	52 54		
4		41	54		

```
48
       30
   49
      51 60
      8
   50
            75
      39
22
   51
            75
            78
   52
       55 78
   53
   54
      28 88
   55
       38 88
   56
      12 111
17 111
   57
            111
   _____
Sum 1653 3873 1830
```

Note 1: 1830 \sim = proton mass \div electron mass = 1836.15267 with golden ratio-based constants, it may be exactly 1830 if: elementary charge = golden ratio × 10^-19 Coulomb See http://heliwave.com/UnionDipole.pdf

Note 2: Chapter 57 is named The Iron or الحديد with: the word الحدل 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 = MOD(9*FLOOR(B1/POWER(10, LEN(B1)-1), 1)+10*MOD(B1, POWER(10, LEN(B1)-1)), 91)[Excel Formula works for 1- and 2-digit numbers only!] $n = 0, 1, 2, \dots$ where ABC \div 91 = XYZ and CBA \div 91 = ZYX

Note 1: Quran = 114 chapters = 6236 verses and was revealed over 114-91 = 23 lunar years: 23114 ÷ 91 = 254 and 41132 ÷ 91 = 452 236236 ÷ 91 = 2596 and 632632 ÷ 91 = 6952 1146236 ÷ 91 = 12596 and 6326411 ÷ 91 = 69521

Note 2: Alphabet_Primes1 value of "أم الكتب" 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.

#	С	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.

#	С	V	$C \times V$
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

 $12540 = 114 \times 110$ where 114 is the number of chapters in the Quran.

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

#	С	V
1 2 3 4 5 6 7 8 9 10 11 12 13 14	2 2 3 4 5 6 7 9 11 12 16 17 18 20	110 220 110 110 110 110 110 110 110 110
15 16	21 23	110 110
17 18 19	26 26 37	110 220 110
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 Abjad_Gematria value of Ali (علي) is 110 The first occurrence of the text (علي) in the Quran is at position 110 within the word (عليهم) in chapter 1 (الفاتحة).

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

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

```
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:

 $142857 \times 1 = 142857$

 $142857 \times 2 = 285714$

 $142857 \times 3 = 428571$

 $142857 \times 4 = 571428$

 $142857 \times 5 = 714285$

 $142857 \times 6 = 857142$

There are 11 chapters with long prime numbers:

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

where 694 - 581 = 113

There are 11 chapters with long prime verses:

#	Name	С	V
1 2 3 4 5 6 7 8 9 10	الفاتحة الماعون الطارق الإنفطار الأعلى العلق العتج الحديد التحوير الدخان	1 107 86 82 87 96 48 57 81 44	7 7 17 19 19 19 29 29 29 59 109
Sum		699 	343

```
D-++---- 114
```

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."

Frequency_Linear value = 114 لا الله محمد رسول لله

Abjad Gematria value = 619 لا الله محمد رسول لله

Note 2: There are 13 verses in the Quran whose number = 114. The occurrence of letters of "كتاب " in them = 619.

There are 4 verses in the Quran with the word "کتاب". The occurrence of letters of "کتاب in them = 114.

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

Ali is the Patron of Allah."

لا اله الا لله محمد رسول لله علي ولي لله ولي الله محمد ولي الله علي ولي الله ها has a Frequency_4n+1 value = 2×619 = C1034 where 1034 is the Alphabet_Primes1 value of بسم لله الرحمن الرحيم has an Abjad_Gematria value = 29×29 = $4\times210+1$ 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

Quran 58:6 in Simplified29

يوم يبعثهم لله جميعا فينبيهم بما عملوا احصيه لله ونسوه ولله علي كل شيء شهيد

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

الميه المعنا فينبيهم بما عملوا احصيه has an Abjad_Gematria value = 1374 has an Abjad_Gematria value = 1055 has an Abjad_Gematria value = 1055 has an Abjad_Gematria value = 319 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

# T	ext Cha	apter '	Verse	Word
1	 ونح	2	30	18
_	ونح	2	133	25
ن 3	ونح	2	136	29
ن 4	ونح	2	138	8
ن 5	ونح	2	139	12
ن 6	ونح	2	247	17
ع 7	جا م	3	9	3
ن 8	ونح	3	84	27
9 9	يمدك	3	124	7
ن 10	ونح	3	181	10
ك 11	ا صا بــ	4	79	2

>	12 13 14 15 16 17 18 19 20 12 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 46 57 57 57 57 57 57 57 57 57 57 57 57 57	اصابك ويامنوا ويامنوا وليحكم جامع وليحكم باسنا باسنا واينهما وبينهما وبينهما واهمانوا وتحن الجينا واهمانوا وتحن الجينا وتحن الجينا وتحن الجينا وتحن عمد باسنا الجميل للبامام وتحن كلحون الحميل الحميل الحميل الحميل الحميل الحميل والحيون كلحون السام وتحن جمعا الكنوز جامع والطيبون المابك وتحن المابك وتحن وتحن وتحن وتحن وتحن وتحن وتحن وتحن	4 4 4 4 4 5 6 6 6 7 7 7 7 7 7 7 9 10 11 11 12 12 12 13 15 15 15 18 21 22 23 24 24 28 29 29 31 40 40 40 40 40 40 40 40 40 40 40 40 40	79 91 114 140 47 43 148 4 5 46 97 85 99 12 23 79 85 99 12 28 101 26 78 46 10 78 48 5 31 51 30 68 6 3 5	8 6 6 2 8 1 4 2 2 6 6 1 1 2 6 6 6 8 9 4 4 4 9 5 1 6 6 5 4 1 1 1 3 1 2 6 6 6 7 1 2 1 1 2 3 2 3 4 1 2 3 7 1 1 2 1 6 2 9 1 8 4 3 3
	59 60	جمعا	100 104	5	3 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

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

Abjad Gematria

Letter Value _____ 1 2 ب 3 ج 4 5 6 7 j 8 ح 10 ي 20 ك 30 40 ل ٩ 50 ن 60 w

70 80 90 ع ف

ص 100 ق 200

ش 300 ت

400 500 ث 600 خ

700 ذ 800 ض 900 ظ 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

chapters 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 (الفاتعة) = C661 in Simplified29 Initials Frequency

Appearance_4n-1	Appearance_Linear	Initials_Frequency	
			-

Lett	er Value	Lette	er Value	Lette	er Value	
 ب	3	ب	1	¢	0	
w	7	w	2	1	13	
ع	11	٩	3	ب	0	
1	19	1	4	ت	0	

ل	23	ل	5	ث	0	
٥	31	٥	6	ج	0	
ر	43	ر	7		7	
ح	47	ح	8	ح خ	0	
ن	59	ن	9	3	0	
ي	67	ي	10	3	0	
٥	71	2	11	ر	6	
ع	79	ع	12	ز	0	
<u>ك</u> ك	83	ے ك	13	w	5	
و	103	و	14	ن ش	0	
ر ت	107	ت	15	ص	3	
ص	127	ص	16	ن ض	0	
ں ط	131	ں ط	17	ن ط	4	
_ ق	139	_ ق	18	<u> </u>	0	
i i	151	ż	19		2	
غ	163	غ	20	ع غ ف	0	
ت ض	167	ے ض	21	<u>ي</u> ف	0	
ن ف	179	ن ف	22	ق	2	
ز	191	ز	23	<u>ي</u> ئ	1	
خ	199	خ	24	J	13	
۶	211	۶	25	٩	17	
ش	223	ش	26	ن	1	
ظ	227	^س ظ	27	8	2	
	239		28	و	0	
ج ث	251	ج ث	29	<u>ي</u> ي	2	

Pattern 114b:

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 = 284Sum 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		
	3	5		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				40	
	47				43	11
		69			49	12
17	59	76			54	13
	61		22	5		
19	67	86			62	
20	71	91			66	15
21	73				69	16
22	79	101	26	6		
	83	100	0.0	_	78	17
	89	113	30	7	0.1	1.0
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	120	23
33	137	170	50	,	130	24
34	139		4.0	1.0	130	24
		173	40	10	1 1 1	٥٢
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	, 0		319	54
68	337	405			325	55
69	347	416			335	56
70	349	419	81	14	555	50
71	353	424	01	T.4	341	57
	359		83	1 5	241	57
72		431	03	15	254	г о
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	100	, ,
92		580	100	Τ /	172	76
93	487				473	76
	491	585			478	77
95	499	594			485	78

96	503	599	109	18		
97	509	606	100	10	495	79
> 98	521	619	114	19	100	, ,
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	101	0.0	553	83
106	577	683	124	23	E C O	0.4
107 108	587 593	694 701	126	24	568	84
109	599	701	120	24	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
120 121	659 661	779 782			641 644	94 95
121	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
135 136	761 769	896 905			741 750	107 108
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
147 148	853 857	1000 1005			831 836	118
149	859	1003			839	119 120
150	863	1013	170	30	039	120
151	877	1028	170	30	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	o	10=
159	937	1096			912	127
160 161	941	1101			916	128
161 162	947 953	1108 1115			922 928	129 130
162	953 967	1115			928 940	130
164	971	1135			945	132
165	977	1142			952	133
	- •					

166 167 168 169 170 171	983 991 997 1009 1013 1019 1021	1149 1158 1165 1178 1183 1190 1193	196	33	959 966 972 984 988 994	134 135 136 137 138 139
173 174 175 176 177 178 179 180	1031 1033 1039 1049 1051 1061 1063 1069	1204 1207 1214 1225 1228 1239 1242 1249	204	34	1006 1009 1015 1024 1027 1035 1038	140 141 142 143 144 145 146
181 182 183 184 185 186 187 188 189 190 191 192	1087 1087 1091 1093 1097 1103 1109 1117 1123 1129 1151 1153 1163 1171 1181	1268 1273 1276 1281 1288 1295 1304 1311 1318 1341 1344 1355 1364 1375	201		1062 1067 1070 1073 1079 1084 1090 1096 1103 1123 1126 1137 1145	147 148 149 150 151 152 153 154 155 156 157 158
194 195 196 197 198	1187 1193 1201 1213 1217	1382 1389 1398 1411 1416			1154 1160 1167 1176 1187 1192	160 161 162 163 164 165
200 201 202	1223 1229 1231	1423 1430 1433	224	35 36	1203	166
203	1237 1249	1440 1453	231	37	1211	167
205 206	1259 1277	1464 1483	235	38	1231	168
207 208 209 210 211 212 213 214 215 216	1279 1283 1289 1291 1297 1301 1303 1307 1319 1321	1486 1491 1498 1501 1508 1513 1516 1521 1534 1537	233	30	1250 1253 1259 1261 1268 1272 1275 1280 1291 1294	169 170 171 172 173 174 175 176 177
217 218 219	1327 1361	1544 1579	249	39	1300	179
220 221	1367 1373 1381	1586 1593 1602			1335 1342 1349	180 181 182
222 223 224 225 226 227	1399 1409 1423 1427 1429 1433	1621 1632 1647 1652 1655 1660	257	40	1373 1387 1392 1395 1399	183 184 185 186 187
228 229 230 231 232 233 234 235	1439 1447 1451 1453 1459 1471 1481 1483	1667 1676 1681 1684 1691 1704 1715 1718	262	41	1412 1417 1420 1427 1437 1447 1450	188 189 190 191 192 193 194

236	1487	1723	269	42		
237	1489	1726			1456	195
238 239	1493 1499	1731 1738			1461 1467	196 197
240	1511	1751			1478	198
241	1523	1764			1489	199
242 243	1531 1543	1773 1786			1498 1509	200
244	1549	1793			1514	202
245	1553	1798			1519	203
246 247	1559 1567	1805 1814			1525 1533	204
248	1571	1819			1538	206
249	1579	1828			1546	207
250 251	1583 1597	1833 1848			1550 1564	208
252	1601	1853			1569	210
253 254	1607 1609	1860 1863			1576 1578	211212
255	1613	1868			1578	213
256	1619	1875			1587	214
257 258	1621 1627	1878 1885			1589 1595	215 216
259	1637	1896			1605	217
260	1657	1917			1623	218
261 262	1663 1667	1924 1929			1630 1635	219 220
263	1669	1932			1637	221
264 265	1693	1957			1659	222
266	1697 1699	1962 1965			1664 1667	223 224
267	1709	1976			1677	225
268 269	1721 1723	1989 1992			1688 1691	226 227
270	1733	2003	304	43	1001	221
271	1741	2012			1706	228
272 273	1747 1753	2019 2026			1712 1719	229 230
274	1759	2033			1724	231
275 276	1777 1783	2052 2059			1742 1748	232
277	1787	2064			1752	234
278	1789	2067			1755	235
279 280	1801 1811	2080 2091			1767 1774	236 237
281	1823	2104			1786	238
282 283	1831 1847	2113 2130	319	44	1809	239
284	1861	2145			1820	240
285	1867	2152			1827	241
286 287	1871 1873	2157 2160			1831 1834	242243
288	1877	2165			1838	244
289 290	1879 1889	2168 2179	327	45	1841	245
291	1901	2179	321	40	1864	246
292	1907	2199			1871	247
293 294	1913 1931	2206 2225			1877 1893	248249
295	1933	2228			1896	250
296	1949	2245			1910	251252
297 298	1951 1973	2248 2271			1913 1933	253
299	1979	2278	0.4.5	4.6	1939	254
300 301	1987 1993	2287 2294	340	46	1952	255
302	1997	2299			1956	256
303 304	1999 2003	2302 2307			1959 1964	257 258
305	2003	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		
			353	4 /		
313	2081	2394			2037	266
314	2083	2397			2040	267
315	2087	2402			2044	268
316	2089	2405			2047	269
317	2099				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		
			501	10	2000	075
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		
			370	50		
329	2207	2536			2165	279
330	2213	2543	372	51		
			3 / 2	01	0177	200
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	
348	2347	2695			2302	297
349	2351	2700			2306	298
	2357		394	E 2		
350			394	52		
351	2371	2722			2324	299
352	2377	2729	398	53		
			330	00	2224	200
353	2381	2734			2334	
354	2383	2737			2337	301
355	2389	2744			2343	302
			101	E 4	2010	J U Z
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
					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
	233I					
375						
375	2557				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		436	57	2333	J 2 1
		3041	430	37	2607	220
385	2659	3044	427	F 0	2607	328
386	2663		437	58	0.600	200
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	2120	JII
404			430	00	2741	345
	2789	3194			2741	
406	2791	3197			2744	346
407	2797	3204	4 - 4	C1	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	102	C 1	2969	370
434	3023	3457	483	64	0004	271
435	3037	3472			2984	371
436	3041	3477			2989	372
437	3049	3486	400	6.5	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	302	00	3105	381
448	3167	3615			3109	382
449	3169	3618			3111	383
450	3181	3631	508	67	2100	204
451 452	3187 3191	3638 3643	510	68	3128	384
453	3203	3656	310	00	3145	385
454	3209	3663			3151	386
455	3217	3672			3159	387
456	3221	3677	514	69		
457	3229	3686	F10	7.0	3171	388
458 459	3251 3253	3709 3712	518	70	3193	389
460	3257	3717			3198	390
461	3259	3720			3200	391
462	3271	3733	521	71		
463	3299	3762			3238	392
464 465	3301 3307	3765			3241 3246	393
466	3313	3772 3779	526	72	3240	394
467	3319	3786	020	, 2	3259	395
468	3323	3791			3264	396
469	3329	3798			3269	397
470	3331	3801			3272	398
471 472	3343	3814			3284	399
472	3347 3359	3819 3832			3289 3300	400 401
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
479 480	3407 3413	3886 3893			3347 3353	407 408
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
486 487	3467 3469	3953 3956			3404 3407	413 414
488	3491	3979			3429	415
489	3499	3988			3438	416
490	3511	4001	551	74		
491	3517	4008			3454	417
492 493	3527 3529	4019 4022	555	75	3465	418
494	3533	4022	557	76	3403	410
495	3539	4034	007	, 0	3476	419
496	3541	4037			3479	420
497	3547	4044			3486	421
498	3557	4055			3495	422
499 500	3559 3571	4058 4071			3497 3510	423 424
501	3581	4071			3510	425
502	3583	4085			3522	426
503	3593	4096			3531	427
504	3607	4111	566	77		
505	3613	4118			3551	428
506 507	3617 3623	4123 4130			3556 3561	429 430
508	3631	4130	570	78	3301	430
509	3637	4146			3575	431
510	3643	4153	571	79		
511	3659	4170			3596	432
512	3671	4183			3608	433
513 514	3673 3677	4186 4191			3611 3616	434 435
515	3691	4206			3630	436
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516 517 518 519 520 521 522	3697 3701 3709 3719 3727 3733 3739	4213 4218 4227 4238 4247 4254 4261	585	80	3636 3640 3648 3657 3664 3670	437 438 439 440 441 442
523 524 525 526 527 528 529	3761 3767 3769 3779 3793 3797 3803	4284 4291 4294 4305 4320 4325 4332			3695 3701 3704 3714 3729 3734 3740	443 444 445 446 447 448 449
530 531 532 533 534 535 536	3821 3823 3833 3847 3851 3853 3863	4351 4354 4365 4380 4385 4388 4399			3756 3759 3768 3782 3787 3790 3799	450 451 452 453 454 455 456
537 538 539 540 541	3877 3881 3889 3907 3911	4414 4419 4428 4447 4452	604	81	3813 3818 3825	457 458 459
542 543 544 545 546 547 548	3917 3919 3923 3929 3931 3943 3947	4459 4462 4467 4474 4477 4490 4495			3852 3855 3859 3866 3869 3880 3884	461 462 463 464 465 466 467
549 550 551 552 553 554	3967 3989 4001 4003 4007 4013	4516 4539 4552 4555 4560 4567	619	82	3903 3923 3934 3937 3942	468 469 470 471 472
555 556 557 558 559 560	4019 4021 4027 4049	4574 4577 4584 4607 4610 4617	013		3954 3957 3963 3983 3986 3993	473 474 475 476 477 478
561 562 563 564 565	4073 4079 4091 4093 4099	4634 4641 4654 4657 4664	630	83	4009 4014 4024 4032	479 480 481 482
566 567 568 569 570	4111 4127 4129 4133 4139 4153	4677 4694 4697 4702 4709 4724			4044 4059 4062 4067 4073 4086	483 484 485 486 487 488
572 573	4157 4159	4729 4732	638	84	4093	489
574 575 576	4177 4201 4211	4751 4776 4787	640643	85 86	4134	490
577 578 579 580 581 582 583	4217 4219 4229 4231 4241 4243 4253	4794 4797 4808 4811 4822 4825 4836			4148 4151 4160 4163 4172 4175 4185	491 492 493 494 495 496 497
584 585	4259 4261	4843 4846			4192 4195	498 499

586 587	4271 4273	4857 4860			4206 4209	500 501
588 589 590 591 592 593	4283 4289 4297 4327 4337 4339	4871 4878 4887 4918 4929 4932	652	87	4224 4233 4261 4271 4273	502 503 504 505 506
594 595 596 597 598 599	4349 4357 4363 4373 4391 4397	4943 4952 4959 4970 4989 4996	661	88	4289 4295 4304 4321 4327	507 508 509 510 511
600 601 602 603	4409 4421 4423 4441	5009 5022 5025 5044	671	89	4348 4350 4368	512 513 514
604 605 606 607 608 609 610 611 612 613 614 615 616 617	4447 4451 4457 4463 4481 4483 4507 4513 4517 4519 4523 4547 4549	5051 5056 5063 5070 5089 5092 5103 5118 5125 5130 5133 5163 5166	676	90	4379 4385 4392 4408 4411 4420 4433 4439 4444 4447 4452 4475 4478	515 516 517 518 519 520 521 522 523 524 525 526 527
618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 655 655 655 655 655 655 655 655	4567 45683 45997 46021 4637 46633 4649 46657 46673 46679 46791 4723 4729 4733 4759 4789 4789 4789 4789 4789 4813 4861 4877 4889 4903	5179 5179 5186 5203 5212 5219 5226 5227 5226 5227 5287 5287 5287 5287 5305 5312 5325 5335 5367 5372 5430 5425 5430 5448 5466 5481 5466 5481 5523 5530 5530 5530 5530 5543 5553 5543 5553 5543 5553 5543 5553 5543 5553 5543 5553	690	91	4495 4510 4518 4525 4532 4547 4563 4566 4571 4579 4585 4592 4601 4661 4663 4663 4663 4663 4663 4708 4713 4715 4719 4727 4739 4744 4727 4739 4744 4756 4783 4798 4810 4824	529 529 5331 5333 5333 5333 5333 5412 544 545 555 555 555 555 555 555 555 55

656	4000	5565			4830	565
	4909				4030	202
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
			7.40	0.0	1031	0 / 1
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
					3021	500
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
					3009	333
690	5179	5869	773	95		
691	5189	5880			5105	596
692					5113	
	5197	5889				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
	5333	6039				
706					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
			000	0.6	5551	024
720	5443	6163	803	96		
721	5449	6170			5366	625
722	5471					
		6193			5388	626
723	5477	6200			5393	627
	0 1					
724		6203	807	97		
724	5479	6203	807	97	5400	620
724 725		6203 6208	807	97	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		
			021	<i>3 3</i>	E E 2 2	C 1 O
739	5623	6362			5532	640
740	5639	6379	832	100		
741	5641	6382			5549	641
			022	1 0 1	0015	0 1 1
742	5647	6389	833	101		
743	5651	6394			5560	642
744	5653	6397	834	102		
			001	102	EEC7	(1)
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
					3030	001
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
					3697	000
760	5791	6551	846	104		
761	5801	6562			5714	657
762	5807	6569	849	105		
			049	100		
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		
			007	100	F700	c c o
775	5881	6656			5798	669
776	5897	6673	860	107		
777	5903	6680			5818	670
			0.64	100	0010	0,0
778	5923	6701	864	108		
779	5927	6706			5840	671
780	5939	6719	867	109		
			007	100	F06F	670
781	5953	6734			5865	672
782	5981	6763	871	110		
783	5987	6770			5898	673
			074	111	3030	073
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
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796 797 798 799 800	6101 6113 6121 6131 6133	6910			6010 6021 6028 6039 6042	684 685 686 687 688	
	6143 6151 6163	6953 6966	0.07	110	6053 6060 6071	690	
804 805 806 807	6173 6197 6199 6203	6977 7002 7005 7010	897	113	6100 6103 6108	693	
	6211 6217 6221 6229	7026 7031	903	114	6122 6126 6134	696	
Index	Prime	Sum	PSum	Р	CSum	С	
		811 2675332			697 2001061		_

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

Prime Gaps and Chapter 9 with 129 Verses

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 P218 = 1361

#	Prime	Gap
1	2	_
2	3	1
3	5	2
4	7	2
5	11	4
6	13	2
7	17	4
8	19	2
9	23	4
10	29	6
11	31	2
12	37	6
13	41	4
14	43	2
15	47	4
16	53	6
17	59	6
18	61	2
19	67	6
20	71	4
21	73	2
22	79	6
23	83	4
24	89	6
25	97	8
26	101	4
27	103	2
28	107	4
29	109	2
30	113	4

					_			_
97	509	6	167	991	8	237	1489	2
98	521	12	168	997	6	238	1493	4
99	523	2	169	1009	12	239	1499	6
100	541	18	170	1013	4	240	1511	12
101	547	6	171	1019	6	241	1523	12
102	557	10	172	1021	2	242	1531	8
103	563	6	173	1031	10	243	1543	12
104	569	6	174	1033	2	244	1549	6
105	571	2	175	1039	6	245	1553	4
106	577	6	176	1049	10	246	1559	6
107	587	10	177	1051	2	247	1567	8
108	593	6	178	1061	10	248	1571	4
109	599	6	179	1063	2	249	1579	8
110	601	2	180	1069	6	250	1583	4
111	607	6	181	1087	18	251	1597	14
112	613	6	182	1091	4	252	1601	4
113	617	4	183	1093	2	253	1607	6
114	619	2	184	1097	4	254	1609	2
115	631	12	185	1103	6	255	1613	4
116	641	10	186	1109	6	256	1619	6
117	643	2	187	1117	8	257	1621	2
118	647	4	188	1123	6	258	1627	6
119	653	6	189	1129	6	259	1637	10
120	659	6	190	1151	22	260	1657	20
121	661	2	191	1153	2	261	1663	6
122	673	12	192	1163	10	262	1667	
								4
123	677	4	193	1171	8	263	1669	2
124	683	6	194	1181	10	264	1693	24
125	691	8	195	1187	6	265	1697	4
126	701	10	196	1193	6	266	1699	2
127	709	8	197	1201	8	267	1709	10
128	719	10	198	1213	12	268	1721	12
129	727	8	199	1217	4	269	1723	2
130	733	6	200	1223	6	270	1733	10
131	739	6	201	1229	6	271	1741	8
132	743	4	202	1231	2	272	1747	6
133	751	8	203	1237	6	273	1753	6
134	757	6	204	1249	12	274	1759	6
135	761	4	205	1259	10	275	1777	18
136	769	8	206	1277	18	276	1783	6
137	773	4	207	1279	2	277	1787	4
138	787	14	208	1283	4	278	1789	2
139	797	10	209	1289	6	279	1801	12
140	809	12	210	1291	2	280	1811	10
141	811	2	211	1297	6	281	1823	12
142	821	10	212	1301	4	282	1831	8
143	823	2	213	1303	2	283	1847	16
144	827	4	214	1307	4	284	1861	14
145	829	2	215	1319	12	285	1867	6
146	839	10	216	1321	2	286	1871	4
147	853	14	217	1327	6	287	1873	2
148	857	4	> 218	1361	34	288	1877	4
149	859	2	219	1367	6	289	1879	2
150	863	4	220	1373	6	290	1889	10
151	877	14	221	1381	8	291	1901	12
152	881	4	222	1399	18	292	1907	6
153	883	2	223	1409	10	293	1913	6
154	887	4	224	1423	14	294	1931	18
155	907	20	225	1427	4	295	1933	2
156	911	4	226	1429	2	296	1949	16
157	919	8	227	1433	4	297	1951	2
158	929	10	228	1433	6	298	1973	22
159	937	8	229	1447	8	299	1979	6
160	941	4	230	1451	4	300	1987	8
161	947	6	231	1453	2	301	1993	6
162	953	6	232	1459	6	302	1997	4
163	967	14	233	1471	12	303	1999	2
164	971	4	234	1481	10	304	2003	4
165	977	6	235	1483	2	305	2011	8
166	983	6	236	1487	4	306	2011	6
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307	2027	10	377	2591	12	447	3163	26
308	2029	2	378	2593	2	448		4
309	2039	10	379	2609	16	449	3169	2
310	2053	14	380	2617	8	450	3181	12
311	2063	10	381	2621	4	451	3187	6
312	2069	6	382	2633	12	452		4
313	2081	12	383	2647	14	453		12
314	2083	2	384	2657	10	454	3209	6
315	2087	4	385	2659	2	455	3217	8
316	2089	2	386	2663	4	456		4
317	2099	10	387	2671	8	457		8
318	2111	12	388	2677	6	458		22
319	2113	2	389	2683	6	459	3253	2
320	2129	16	390	2687	4	460	3257	4
321	2131	2	391	2689	2	461		2
322	2137	6	392	2693	4	462		12
323	2141	4	393	2699	6	463		28
324	2143	2	394	2707	8	464	3301	2
325	2153	10	395	2711	4	465	3307	6
326	2161	8	396	2713	2	466		6
327	2179	18	397	2719	6	467		6
328	2203	24	398	2729	10	468		4
329	2207	4	399	2731	2	469	3329	6
330	2213	6	400	2741	10	470	3331	2
331	2221	8	401	2749	8	471		12
332	2237	16	402	2753	4	472		4
333	2239	2	403	2767	14	473		12
334	2243	4	404	2777	10	474	3361	2
335	2251	8	405	2789	12	475	3371	10
336	2267	16	406	2791	2	476		2
				2797				
337	2269	2	407		6	477		16
338	2273	4	408	2801	4	478		2
339	2281	8	409	2803	2	479	3407	16
340	2287	6	410	2819	16	480	3413	6
341	2293	6	411	2833	14	481		20
342	2297	4	412	2837	4	482		16
343	2309	12	413	2843	6	483		8
344	2311	2	414	2851	8	484	3461	4
345	2333	22	415	2857	6	485	3463	2
346	2339	6	416	2861	4	486		4
347	2341	2	417	2879	18	487		2
348	2347	6	418	2887	8	488		22
349	2351	4	419	2897	10	489		8
350	2357	6	420	2903	6	490	3511	12
351	2371	14	421	2909	6	491	3517	6
352	2377	6	422	2917	8	492		10
353	2381		423	2927	10	493		
		4						2
354	2383	2	424	2939	12	494		4
355	2389	6	425	2953	14	495	3539	6
356	2393	4	426	2957	4	496	3541	2
357	2399	6	427	2963	6	497		6
358	2411	12	428	2969	6	498		10
359	2417	6	429	2971	2	499		2
360	2423	6	430	2999	28	500	3571	12
361	2437	14	431	3001	2	501	3581	10
362	2441	4	432	3011	10	502		2
363	2447	6	433	3019	8	503		10
364	2459	12	434	3023	4	504		14
365	2467	8	435	3037	14	505		6
366	2473	6	436	3041	4	506	3617	4
367	2477	4	437	3049	8	507		6
368	2503	26	438	3061	12	508		8
369	2521	18	439	3067	6	509		6
370	2531	10	440	3079	12	510		6
371	2539	8	441	3083	4	511	3659	16
372	2543	4	442	3089	6	512		12
373	2549	6	443	3109	20	513		2
374	2551	2	444	3119	10	514		4
375	2557	6	445	3121	2	515		14
376	2579	22	446	3137	16	516	3697	6

517	3701	4	587	4273	2	657	4919 10	
518	3709	8	588	4283	10	658	4931 12	2
519	3719	10	589	4289	6	659	4933 2	
520	3727	8	590	4297	8	660	4937 4	
521	3733	6	591	4327	30	661	4943 6	
522	3739	6	592	4337	10	662	4951 8	
523	3761	22	593	4339	2	663	4957 6	
								_
524	3767	6	594	4349	10	664	4967 10	
525	3769	2	595	4357	8	665	4969 2	
526	3779	10	596	4363	6	666	4973 4	
527	3793	14	597	4373	10	667	4987 14	4
528	3797	4	598	4391	18	668	4993 6	
529	3803		599	4397	6	669	4999 6	
		6						
530	3821	18	600	4409	12	670	5003 4	
531	3823	2	601	4421	12	671	5009 6	
532	3833	10	602	4423	2	672	5011 2	
533	3847	14	603	4441	18	673	5021 10	С
534	3851	4	604	4447	6	674	5023 2	
535	3853	2	605	4451	4	675	5039 16	
536	3863	10	606	4457		676	5055 10	
					6			
537	3877	14	607	4463	6	677	5059 8	
538	3881	4	608	4481	18	678	5077 18	3
539	3889	8	609	4483	2	679	5081 4	
540	3907	18	610	4493	10	680	5087 6	
541	3911	4	611	4507	14	681	5099 12	
542	3917	6	612	4513	6	682	5101 2	_
543	3919	2	613	4517	4	683	5107 6	
544	3923	4	614	4519	2	684	5113 6	
545	3929	6	615	4523	4	685	5119 6	
546	3931	2	616	4547	24	686	5147 28	3
547	3943	12	617	4549	2	687	5153 6	
548	3947	4	618	4561	12	688	5167 14	
549	3967	20	619	4567	6	689	5171 4	
550	3989	22	620	4583	16	690	5179 8	
551	4001	12	621	4591	8	691	5189 10	
552	4003	2	622	4597	6	692	5197 8	
553	4007	4	623	4603	6	693	5209 12	2
554	4013	6	624	4621	18	694	5227 18	3
555	4019	6	625	4637	16	695	5231 4	
556	4021	2	626	4639	2	696	5233 2	
557	4027	6	627	4643	4	697	5237 4	
558	4049	22	628	4649	6	698	5261 24	
559	4051	2	629	4651	2	699	5273 12	2
560	4057	6	630	4657	6	700	5279 6	
561	4073	16	631	4663	6	701	5281 2	
562	4079	6	632	4673	10	702	5297 16	
563	4091	12	633	4679	6	703	5303 6	
564	4093	2	634	4691	12	704	5309 6	
565	4099	6	635	4703	12	705	5323 14	
566	4111	12	636	4721	18	706	5333 10	Э
567	4127	16	637	4723	2	707	5347 14	4
568	4129	2	638	4729	6	708	5351 4	
569	4133	4	639	4733	4	709	5381 30	
570	4139	6	640	4751	18	710	5387 6	
571	4153	14	641	4759	8	711	5393 6	
572	4157	4	642	4783	24	712	5399 6	
573	4159	2	643	4787	4	713	5407 8	
574	4177	18	644	4789	2	714	5413 6	
575	4201	24	645	4793	4	715	5417 4	
576	4211	10	646	4799	6	716	5419 2	
577	4217	6	647	4801	2	717	5431 12	
	4217							_
578		2	648	4813	12	718	5437 6	
579	4229	10	649	4817	4	719	5441 4	
580	4231	2	650	4831	14	720	5443 2	
581	4241	10	651	4861	30	721	5449 6	
582	4243	2	652	4871	10	722	5471 22	2
583	4253	10	653	4877	6	723	5477 6	
584	4259	6	654	4889	12	724	5479 2	
585	4233	2	655	4903	14	725	5483 4	
586	4271	10	656	4909	6	726	5501 18	5

707	E E O O	2	757	E740	C		707	6027	0
727	5503	2		5749	6		787	6037	8
728	5507	4	758	5779	30		788	6043	6
729	5519	12	759	5783	4		789	6047	4
730	5521	2	760	5791	8		790	6053	6
731	5527	6	761	5801	10		791	6067	14
732	5531	4	762	5807	6		792	6073	6
733	5557	26	763	5813	6		793	6079	6
734	5563	6	764	5821	8		794	6089	10
735	5569	6	765	5827	6		795	6091	2
736	5573	4	766	5839	12		796	6101	10
737	5581	8	767	5843	4		797	6113	12
738	5591	10	768	5849	6		798	6121	8
739	5623	32	769	5851	2		799	6131	10
740	5639	16	770	5857	6		800	6133	2
741	5641	2	771	5861	4		801	6143	10
742	5647	6	772	5867	6		802	6151	8
743	5651	4	773	5869	2		803	6163	12
744	5653	2	774	5879	10		804	6173	10
745	5657	4	775	5881	2		805	6197	24
746	5659	2	776	5897	16		806	6199	2
747	5669	10	777	5903	6		807	6203	4
748	5683	14	778	5923	20		808	6211	8
749	5689	6	779	5927	4		809	6217	6
750	5693	4	780	5939	12		810	6221	4
751	5701	8	781	5953	14		811	6229	8
752	5711	10	782	5981	28				
753	5717	6	783	5987	6	Sum	329266	234606	66 6227
754	5737	20	784	6007	20				
755	5741	4	785	6011	4				
756	5743	2	786	6029	18				
0		-	0						

The largest gap between these 811 prime verses is 34.

Dürer's super magic square has 86 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 Beginning = Bidayah (ابداية).

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 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
307	810

Pattern 129c:

Sum

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

Name	С	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
الصافات	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: 65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111413242229967855624960451829383537598953548575881828345547330346069889322777641187811213598110111128995243111123109129752061651201762002867

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

25, 25, 31 Digit + Position =

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 6411878112135981101111128995243111123109129752061651201762002867

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

Verses in chapters >57: 65453637459381111885198811211520302619172225361929424640503140562 0282844525230121218111114132422

: 96

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

Name C V 1 الغاتحة 286 2 البقرة 3 200 3 100 4 176 4 176 5 120 5 165 6 165 7 206 7 الأعام 7 206 8 الأنغال 9 129 -----2 3 5 6 7 8 _____ 45 1364 Sum 45

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

#	Name	С	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	ا لـطلاق	65	12
10	التحريم	66	12
11	الملك	67	30
12	القلم	68	52
13	الحاقة	69	52
14	المعارج	70	44
15	نـوح	71	28
16	الـجن	72	28
17	المزمل	73	20
18	المدثر	74	56
19	القيامة	75	40
20	ا لانـسان	76	31
21	المرسلات	77	50
22	النبإ	78	40
23	النازعات	79	46
24	عبس	80	42
25	التكوير	81	29
26	الإنفطار	82	19
27	المطففين	83	36
28	ا لإنـشقـاق	84	25

29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 55 56 57 58	البروج الطارق الغاشية الغاشية النجر النجر الشمم الشمح الشحى الشرح التين التين التين التين التيا	85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114	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 6
 Sum 171	.1	4959 	1161

Note 1: $1364 + 1161 = 2525 = 101 \times 25$

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 رَسُلَنَا بِٱلْبَيِّنَٰتِ وَأَنزَلْنَا مَعَهُمُ ٱلْكِتَٰبَ وَٱلْمِيزَانَ لِيَقُومَ ٱلنَّاسُ بِٱلْقِسُطِ وَالْفَلْدَ يُولِنَّ عَزِيزٌ وَأَنذَلُنَا وَلَيْعَلَمَ اللهُ مَن يَنصُرُهُ وَرُسُلَهُ يَالْقِسُطِ إِنَّ ٱللهُ قَوِيًّ عَزِيزٌ وَأَنذَلُنَا ٱلْحَدِيدَ فِيهِ بَأَسُ شَبِيدٌ وَمَنْفِعُ لِلنَّاسُ وَلِيَعْلَمَ ٱللهُ مَن يَنصُرُهُ وَرُسُلَهُ يَالَّغَيْبِ ۚ إِنَّ ٱللهُ قَوِيًّ عَزِيزٌ Certainly We have sent Our Messengers with manifest proofs, and We have sent down 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 = $1161 = 9 \times 129$

#	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

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

#	Name	C	V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 32 32 32 32 32 32 32 32 32 32 32 32 32	الفاتحة الشعراء الشعراء الأحزاب الأحزاب الشورى الخرف الجاثية الحمتة الممتحنة الممتحنة المنافقون المنافقون البخمعة المنافقون الإنسان النسان النسان التكوير الإنطارق الإعلى العلى العارة العاديات العاديات العاديات	1 10 13 26 33 36 42 43 44 45 48 57 60 62 63 76 81 82 86 87 93 96 97 100 101 103 105 107 108 110 111 113	7 109 43 227 73 83 53 89 59 37 29 29 13 11 11 31 29 17 19 11 11 35 57 3 3 55 7
528		2239	1076

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

Left-to-Right Chapter Numbers:

Sum

1234567891011121314151617181920212232425262728293031323334353637383940414243444546474849 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	С	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	7.0	E O		1.0	2	_	7
	4 5	70 78	50 56	36	18	2	5 3	7 13
	6	102	75	50	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 11
	13 14	165 170	126 130	82 85		2	5 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 22	230	179	100	60	2	5 7	23
	23	231 238	180 186	120	63	2	7	11 17
	24	246	192	128	03	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 11	19
	31 32	286 290	224 228	152	75	2	5	13 29
	33	310	246	164	7.5	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 42	374 385	299 308	203 209		5	11 7	17 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
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443	2758	2355	1635		2	7	197
444	2765	2362	1639		5	7	79
445	2766	2363	1640		2 3	3	461
446	2769	2365	1641		2	13	71
447 448	2770 2774	2366 2370	1642 1644		2	5 19	277 73
449	2778	2370	1647		2	3	463
450	2782	2377	1017	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	1.65.4	737	7	13	31
458	2822	2411	1674		2	17	83
459 460	2829 2830	2418 2419	1679	740	3 2	23 5	41 283
461	2834	2419		741	2	13	109
462	2847	2433	1690	/ 11	3	13	73
463	2849	2435	1000	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
470 471	2914	2492	1731	762	2 5	31	47
471	2915 2919	2493 2496	1734	102	3	11 7	53 139
473	2922	2499	1734		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
483 484	2994 3002	2564 2570	1786	780	2	3 19	499 79
485	3002	2577	1795	700	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	1005	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	1007	804	2	23	67
						5	
499	3110	2666	1054	813	2		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	1070	823	5	17	37
508	3154	2707			2	19	83
			1004	826			
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	000	3	29	37
518	3237	2779	1932		3	13	83
519	3243	2785	1936		3	23	47
					5		
520	3245	2787	1937			11	59
521	3246	2788	1938	0.5.0	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	003	2	3	569
552	3417	2936	2046		3	17	67
553	3422	2941	2010	892	2	29	59
			2050	092	2		
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
						3	7	
	571	3507	3017	2101				167
	572	3514	3023		919	2	7	251
	573	3515	3024	2105		5	19	37
	574	3522	3030	2109		2	3	587
	575	3526		2112		2	41	43
			3034	2112				
	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
				0105	920			
	580	3553	3055	2127		11	17	19
	581	3558	3059	2129		2	3	593
	582	3562	3062	2132		2	13	137
	583	3565	3065	2102	932	5	23	31
				0105	932			
	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
				0151	930			
	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
				01.00	943			
	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
						2		
	600	3642	3132	2181			3	607
	601	3655	3144		955	5	17	43
	602	3657	3146	2191		3	23	53
	603	3658	3147	2192		2	31	59
				2200				
	604	3670	3158			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
				2210	0.61			
	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
				2217	000			
	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		3283	2291	220	3	31	
		3813		ムムガエ	0.00			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	1055	3	23	59
682	4081	3518	0.4.6.4	1055	7	11	53
683	4082	3519	2464	1056	2	13	157
684	4085	3522	2460	1056	5	19	43
685	4089	3526	2469	1050	3	29	47
686	4090	3527		1058	2	5	409
687	4094	3529	0.470	1059	2	23	89
688	4098	3533	2473	1000	2	3	683
689	4102	3536	2405	1062	2	7	293
690	4118	3551	2485		7	29 19	71
691	4123	3556	2489		3		31
692 693	4137 4142	3567	2497	1071	2	7 19	197
		3571	2502	10/1			109
694 695	4146 4147	3575 3576	2503 2504		2 11	3 13	691 29
696	4147	3576	2504		2	31	29 67
697	4154	3582	2508		3	5	277
698	4155	3583	2512		3	19	73
699	4173	3599	2512		3	13	107
700	4173	3604	2524		3	7	199
701	4179	3615	2532		2	5	419
701	4191	3616	2533		3	11	127
702	4199	3624	_000	1086	13	17	19
, 00	11/)	5027		1000	10	±./	± >

704	4202	3626	2540		2	11	191
705	4206	3630	2543		2	3	701
706	4209	3633	2545		3	23	61
707	4210	3634	2010	1089	2	5	421
			0540	1009			
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
			2502	1110	2		
718	4294	3704		1110		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
			2027	1105			
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
			2642	1131			
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						3	
	4398	3798	2661		2		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
			2602	1145		7	211
744	4431	3828	2683		3		
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
			0.600	1131			
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		3887	2726		2		173
	4498					13	
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
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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
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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
			2770	T T O O	5	7	
771	4585	3964	2778				131
772	4587	3966	2779		3	11	139
773	4605	3981	2792		3	5	307

774	4610	2006		1100	2	5	461	
		3986		1192	2	5		
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	
			2005					
779	4630	4005		1198	2	5	463	
780	4634	4009		1199	2	7	331	
				1100				
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	
			2020					
789	4683	4049	2839		3	7	223	
790	4695	4060	2847		3	5	313	
791	4697		2849		7	11		
		4062	2049				61	
792	4706	4070		1216	2	13	181	
793	4715	4079		1219	5	23	41	
				1219				
794	4718	4082	2862		2	7	337	
795	4722	4085	2864		2	3	787	
			2004					
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	
				1220	11		23	
806	4807	4159		1239		19		
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	
			2332					
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	
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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	
			0004					
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	
			2000	1055				
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	
				1070				
831	4942	4281		1270	2	7	353	
832	4945	4283	3013		5	23	43	
					3			
833	4947	4285	3014			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	
		1222	3045		2	5	499	
843	4990	4322	3043		2	J	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	1201	2	13	193
850	5019	4346	3061		3	7	239
851	5026	4351	3001	1288	2	7	359
852	5030	4355	2067	1200	2	5	503
			3067		2		
853	5034	4359	3070	1000	5	3	839
854	5035	4360	2072	1290		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	3133	1315	2	17	151
871	5135	4449	3134	1313	5	13	79
			2124	1216	2		
872	5138	4452	2120	1316		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	3100	1340	2	7	373
890	5230	4535	3193	1010	2	5	523
891	5235	4538	3196		3	5	349
892	5246	4548	3170	1346	2	43	61
893			2207	1340	3		103
	5253	4555	3207		2	17	
894 895	5254	4556	3208		2	37	71
	5258	4560	3210			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
J ± J	5505	1000		±011	J		J /

914	5369	4660		1378	7	13	59
			2200				
915	5379	4670	3289		3	11	163
916	5385	4675	3293		3	5	359
917	5395		3299		5	13	83
		4683					
918	5397	4685	3300		3	7	257
919	5402	4689		1386	2	37	73
				1300			
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
			2222				
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
			2254	_ 10,			
933	5487	4761	3354		3	31	59
934	5494	4768	3360		2	41	67
	5495			1 4 0 0	5	7	
935		4769		1409			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
				1414			
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
	5555		3399		5		
946		4822	3399			11	101
947	5558	4824		1424	2	7	397
948	5559	4825	3401		3	17	109
			2401				
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
			2440				
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
			2460				
963	5665	4918	3469		5	11	103
964	5673	4925	3474		3	31	61
965		4930			2	17	
	5678		3478				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			1/56	5	7	
		4953	_	1456			163
973	5709	4957	3500		3	11	173
974	5710	4958		1458	2	5	571
			0 = 0 :	T-4-0			
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				1465	2	47	
	5734	4980	_	T400			61
980	5735	4981	3516		5	31	37
981	5738	4983		1466	2	19	151
			2500	_ 100			
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
			3331	1 477			
986	5770	5012		1473	2	5	577
987	5781	5022	3548		3	41	47
988	5785	5025	3551		5	13	89
			3552		2		
989	5786	5026				11	263
990	5795	5034	3558		5	19	61
991	5797	5036	3560		11	17	31
992	5798	5037		1 177	2	13	223
				1477			
993	5802	5040	3562		2	3	967
994	5811	5048	3568		3	13	149
995	5817	5053	3572		3	7	277
			3372	1 400			
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
			000,	1 4 0 1			
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
			3003	1 40 6			
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					2	13	227
	5902	5125	3626				
1017	5907	5129	3629		3	11	179
1018	5918	5140		1504	2	11	269
1019	5930	5150		1506	2	5	593
			2652	1000			
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
			0.661	1312			
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
	5986	5203			2		
1031			3687			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
			2710	1020	_		
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
			274	1000			
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
			2754	エンユン			
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
                                                                                                       2 3
3 13
2 3
2 5
               1055 6114 5316 3767
                                                                                                                                                                         1019

    1056
    6123
    5324
    3772

    1057
    6126
    5327
    3774

    1058
    6130
    5331
    3777

                                                                                                                                                                    157
                                                                                                                                                   3
5
                                                                                                                                                                              1021
                                                                                                                                                                             613
              1059 6135 5334 3780 3 5 405
1060 6141 5340 3783 3 23 89
1061 6142 5341 1558 2 37 83
1062 6146 5344 1550 2
                                                                                                                                                                            409
                                                                                                                                                   7
                                                                                                                                                                            439
               1062 6146 5344
1063 6149 5347 3787
                                                                                                         1559 2
11
3
                                                                                                                                                      13
                                                                                                                                                                             43
               1064 6153 5350 3790
                                                                                                                                                   7
                                                                                                                            3
2
                                                                                                                                                                            293
               1065 6154 5351 3791
                                                                                                                                                   17

    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

    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

    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

---> 1076 6213 5404 3829
                                                                                                                                                                                                  [pattern 129d note 2]
```

Note 4: Sum of the first 37 digits [pattern 37a] = 114 Sum of the remaining 197 digits = 861

123456789101112131415161718192021223|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 = +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+ +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

Double Squares and Triple Cubes _____

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

Pattern 139a:

Number of letters in the Ouran including all 112 bismAllah and treating hamza above line as a letter = 328287.

Chapter 1 gives the number of letters in the Ouran:

Verse	W	L	W^2	L^2	W^3	L^3
1 2	4 4	19 17	16 16	361 289	64 64	6859 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	ı
Quran	Letter	s =	2 (W^2	+ L^2)	+ 3(L^	3)	= 328287

Pattern 139b:

بسم لله الرحمن الرحيم Duplicate Letters

:	L	Freq^2
		1
	W	1
	ع	9
	i	9
	ل	16
	ل	16
	٥	1
	1	9
	J	16
С	ر	4
L	ح	4
2	9	9
3	ن	1
. 4	1	9
5	J	16
. 6	ر	4
7	ح	4
. 8	ي	1
L 9	4	9
um		139

Pattern 139c:

بسم لله الرحمن الرحيم Non-Duplicate Letters

#	L	Freq^3
1	 ب	1
2	w	1
3 4	٩	27 27
5	ل	64
6 7	8	1 8
8	ر ح	8
9 10	ن	1 1
	ي 	

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

207 11 11 21

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. 65453637459381111885198811211520302619172225361929424640503140562028284452523012121811111413242229967855624960451829383537598953548575881828345547330346069889322777641187811213598110111128995243111123109129752061651201762002867

Left-to-right 227-digit long number of verses of all chapters is composite. 72862001761201652067512910912311143529912811111098135112781186477227938869603430735445831 82887585545389593735382918456049625578962922241314111118121230525244282820564031504046422 9193625221719263020152111881958811118395473635456

 $2\times2\times2\times2\times2\times2\times2\times2\times7\times5527\times137885520290732817351584663\times1067050471724712664686609285633178523799\\01416010404723328566172957737395755840658022032569277618563231217065120661299797289022426791599936582159383554005399760617203071477939525944722428007054711$

Pattern 227b:

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

72001202061291234399111981121187793693473451827554893738186062782924141112305228204050462936221930151185811357655

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

55675311858111530192236294650402028523012111424297862601838378954751824573346993771181129811199431231292061202007

DigitSum1 = Sum of digits in verses in odd chapters = 43

 $\begin{tabular}{ll} Left-to-right digits of verses in even chapters = 114 = the last even chapter. \\ 28617616575109111521281101357864227886030548388855359352945495596221311181252442856314042\\ 1925172620218198118943346 \end{tabular}$

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

64334981181982120261725194240315628445212181113229655494529355953858883543060882276478135101285211110975165176286

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

Digits of odd chapters + Digits of even chapters = 113 + 114 = 227DigitSum1 + DigitSum2 = $439 + 469 = 908 = 2 \times 2 \times 227$

Pattern 227c:

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

#	С	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 (2×2) 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 = 6×227 up to chapter 103. Running Sum of BackwardChapter+Verses = 42×227 up to chapter 26 which has 227 verses.

bC	Verses	s Sum	RunSur	n
114 113 112 111 110 109 108 107 106 105 104 > 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80	6 5 4 5 3 6 3 7 4 5 9 3 8 11 11 8 8 5 19 8 11 20 30 26 19 22 25 36 19 22 24 24 24 24 24 24 24 25 26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	120 118 116 116 113 115 111 114 110 110 113 106 110 112 111 107 108 102 115 103 102 115 103 104 113 106 110 113 106 110 115 111 110 110 110 110 110 110 110	120 238 354 470 583 698 809 923 1033 1143 1256 1362 1472 1584 1695 1802 1908 2010 2125 2228 2330 2434 2547 2653 2763 2882 3205 3215 3312 3421 3540 3641 3751 3873	6×227

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	
		99		
71	28		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	12221
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
           176 180 12292
      4
      3
           200 203 12495
           286 288 12783
7 8 12791
      2
      1
       ______
  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:
                                                 [pattern 506a]
      There are 16 4-chapter groups
      the sum of chapter numbers
                                   = 229
      the sum of verses = 229
      the sum of words
                                     = Additive Prime
      There are 12 4-chapter groups
      the sum of chapter numbers = 229
      the sum of verses = 229

-f words = Non-additive Prime
                                                [pattern 619h note 1]
      There are 148 4-chapter groups
      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 Chapter .......

the sum of verses = 229

Non-additive Composite
   Note 2:
      The Alphabet_Primes1 value of the word "نور" = "Light" = 229
The Alphabet_Primes1 value of the word "طاقه" = "Energy" = 229
      where light is the carrier of energy in the Universe (E = h \times f)
      In total, there are 50 words with Alphabet_Primes1 value = 229 where P50 = 229
      And the number of letters in these 50 words
                                                                    = 229
       # Word Length Frequency
      6 6 ء اثرهم
                         6
                                 1
      2
             اجتبيه
           ر اجببیه
7 اخراجکم
7 اخرقتها
4 ادهي
7 السمه
7 البحران
                                 1
1
      3
       4
                                 1
       5
```

-7 البحران 6 الصلحت 6 المدثر

1 61 1

7

8 9

```
10
                                            اليس
                                                                                                                                           13
                                                                                                 4
4
4
6
                                               انهر
                    11
                                                                                                                                          1
                                             ا هـدي
                   12
                                                                                                                                           6
                                            ایـذن
                    13
                                                                                                                                              1
                                                بالسوء
بتحيه
                    14
                                                                                                          5
                                                                                                                                           1
                    15
                                              16
                                                                                                          5
                                                                                                          5
                    17
                                            بـذنـوب
                                                                                                        5
6
4
                                                                                                                                          4
                    18
                                                 بفحشه
                                             بــــب
تـدخـلو ا
سايـل
سبحنك
                     19
                                                                                                                                               6
                                                                                                                                           1
                     20
                                                                                                          5
                     21
                                               صاحبكم
                     22
                                                                                                          6
                     23
                                               ضيقا
                                                                                                         4
                                           ـــــ
طاقـه
عمك
فاخرجنا
---> 24
                                                                                                              4
                                                                                                                3
                     2.5
                                                                                                                                              1
                                                                                                          7
                     26
                                                                                                                                           6
                                            و.
فالق
فتقعد
                     27
                                                                                                          4
                                                                                                                                           2
                                       فتقعد
ففال
قبضته
لحدیث
لعال
م۰۰۰
                                                                                                          5
                                                                                                                                         2
                     28
                                                                                                                                      27
                                                                                                          4
5
                     29
                     30
                                                                                                                                              1
                                                                                                          5
                                                                                                                                          1
                     31
                                                                                                          4
                     32
                                                                                                        3
5
                     33
                                                                                                                                          11
                                           مقتصد
نسبحك
ن
                                                                                                                                           2
                     34
                                                                                                           5
3
                  35 نسبحك

36 نعف

37 نهار

38 نهرا

39 نهرا

40 دع

40 دع

41 دع

41 دع

42 دع

43 دع

44 دع

43 دمسا

44 دع

6 دو

45 ومل

46 وصل

47 ومل

48 دع

49 دع

49 دع

49 دع

49 دع

49 دع

40 دع

41 دع

42 دع

43 دع

44 دع

45 و دو

46 و دو

47 دع

48 دع

49 دع

40 د
                     35
                                                                                                                                           1
                                                                                                          4
                                                                                                                                           1
                                                                                                         4
---> 39
                                                                                                         3
                                                                                                                                       8
                                                                                                                                         1
                                                                                                         4
                                                                                                                                              2
                                                                                                          4
                                                                                                                                           1
                                                                                                          4
                                                                                                                                           1
                                                                                                       4
3
3
4
4
                                                                                                                                         2
                                                                                                                                           1
                                                                                                                                              1
                                                                                                                                          15
                                                                                                                                           3
                                                                                                          4
                                                                                                                                           3
                                           يــو د
                                                                                                                                          5
                                                                                                            3
                     Sum
                                                                                                          229 234
```

```
Note 2b: The Alphabet_Primes1 value of the word "نور" = "Light" = 229

The Alphabet_Primes1 value of the word "طاقه" = "Energy" = 229

where

Light is the carrier of Energy in the Universe: [E = h×f]

[photon Energy = Planck's constant × photon Frequency]

Planck's constant ~= 6.6×10^-34 Js
```

- Note 4: Chapter 1 (The Key) has a Alphabet_Primes1 value = $8317 = 91^2 + 6^2$ where 91 and 6 form $916 = 4 \times 229$
- Note 5: 229 is a 4n+1 prime = $4\times57+1$ where 57 is the pivot chapter and Sum of positions of letter $\mathfrak s$ in chapter 1 = 24+57+67+81 = 229 Sum of distances of letter $\mathfrak s$ 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 = $4 \times 229 \times 5 \times 17$
- Note 8: Simplified28 without BismAllah:

Single-digit chapters and chapters with single-digit verses have sum of letter = $4 \times 7 \times 29 \times 139$ 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		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:

```
يسْم اللَّه الرَّحْمَٰنِ الرَّحِيمِ
الْحَمْدُ لِلَّهِ رَبِّ الْعُلَمِينَ
الرَّحْمَٰنِ الرَّحِيمِ
الرَّحِيمِ
اللَّهِ مُلِكِ يَوْمِ اللَّينَ
إِيَّاكَ نَعْبُدُ وَإِيَّاكَ نَسْتَعِينُ
الْعَبْدُ وَإِيَّاكَ نَسْتَعِينُ
الْعَبْدُ وَإِيَّاكَ نَسْتَعِينُ
الْعَبْدُ وَإِيَّاكَ نَسْتَعِينُ
الْعَبْدُ وَإِيَّاكَ نَسْتَعِينُ
صِرْطَ النَّمْدُ عَلَيْهِمْ غَيْرٍ الْمُعْشُوبِ عَلَيْهِمْ وَلَا الضَّالَينَ
```

```
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
```

- Note 2: 56th prime or P56 = 263 where 56 + 263 = 319 [pattern 319] 56th composite or C56 = 78 = number of initial letters in the Quran.
- Note 3: Left-to-right concatenation of all primes from 2 to 263 has 139 digits: 2357111317192329313741434753596167717379838997101103107109113127131137139 149151157163167173179181191193197199211223227229233239241251257263
- Note 4: Mother of the Book or "أم الكتب" is another name for chapter 1 The Alphabet_Primes1 value of "أم الكتب" name = 263

Note 5: Chapter 1 of the Quran has 124 diacritics (harakaat) where the most repeated verse in the Quran [قَيانَ الآبُ وَبُكُمَا تُكَذَّبَانِ] has 4 words and is repeated 31 times where $4\times31=124$ and its Alphabet_Primes1 value = 683=124th prime. [pattern 31c]

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

						_	
	С	V	DigitProduct				
	16 24 27 40	128 64 93 85	1×2×8 6×4 9×3 8×5	= = = =	16 24 27 40	_	
Sum	107	370				-	

where

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

Note 1: The above is 139th case:

te	1: The	above	is 139	th case	:				
	#	X	Y	Diff				DF	AB
	1	2	4	2	6	2	2		
		5	10	5	15	8	5	13	
	3	6	12	6	18	10	6 8		2
		8	16	8	24	14	8		4
	5	11	24	13	35	23 24	13	28	
	6	11	25	14	36	24	14		6
	7	12	27	15	39	26	15	31	
	8	12	27 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		46	31	20	36	
	12	16	4.1	25	57	4 0	25	44	
	13	17	41	26	60	42	26		12
	14	18	48	30	66	47	30		13
	15	21	48 56	35	66 77	47 55	35	60	
	16	21	57	36		56	36		16
	17	22		40		60	40		18
	18	23	67	44	90	65	44		20
	19	23	68	45	91	66		69	20
	20	24	68 71	47	95	66 70		73	
	21	24	72	48	96	71	48	, 0	21
	22	25		49	99	73	49	76	2 1
	23	30		52	112		52	, 0	26
	24	31	85	54		85	54	87	20
	25	31		55	117		55	88	
	26	31	0.7	56	118	87	56	89	
	27	32	89	57	118 121	90	57	91	
	28		92	59	125	94	59	95	
	29	33	92 93	60	126	95	60	55	29
	30	34	95	61	129		61	98	23
	31	34	96	62		98	62	99	
	32	35		64	134	101	64	102	
	33	35	100	65	135	101	65	103	
	34	35		66	136	102 103	66	103	
	35	37	106	69	143	103	69	104	
	36	37	107	70	143	109	70	109	33
	37	37	107	71	145	110	71	110	33
	38		112	74				110	
	39	39	113 114	75	152	115 116	74	116 117	
	40	39	114	75 76	153	117	75		
		39		70	154 158	117 120	76	118	
		40	118				78	121	
	42	40	119	79	159	121	79	122	2.0
	43	43	131	88	1/4	133	88		39

44	44	136	92	180	138	92		41
45	45	138	93	183	140	93	140	
						97		
46	46	143	97	189	146		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	
							100	4.4
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	
							107	
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
								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	
							100	6.0
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	
							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
							016	0.5
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
							005	/ 1
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				0.4 =				
	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	, 0
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		260	, 0
						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	201	82
								02
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	
							2 / 0	0.0
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
							0.01	フム
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:

يسْمِ ٱللَّهِ ٱلرَّحْمَٰنِ ٱلرَّحِيمِ 6 6 4 3 Word letters 6643 = 7×13×73

where:

#	С	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: يَسْمِ ٱللّٰهُ ٱلرَّحْمَٰنِ ٱلرَّحِيمِ 6 6 4 3 6643 = 7×949 Frequency Linear value of chapter 1 = 949

Pattern 269b: 17 chapters end in letter "'" 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

```
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 = 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 وَلَيِثُواْ فِي كَهْفِهِمْ ثَلُثَ مِانَةً سِنِينَ وَٱزْدَادُواْ 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

```
1
    1
    0
ت
    0
ث
    0
ج
ح
    0
خ.
     0
ذ
     1
ز
     1
ω
    0
1
ش
ص
    0
ض
     1
ط
    0
     1
ع
     0
     0
ف
    1
ق
ك
    1
ل
    1
    1
٩
ن
     1
    0
و
    1
```

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

Chapte	r Name	FirstWord	Binary	Decimal
1 2	الفاتحة	بسم	110	6
	البقرة	الم	111	7

```
الم
3
    آل عمران
                          111
                       11111
11111
                یایها
    النساء
                                    31
    المائدة
                                     31
5
               یایہا
    الأنعام
الأعراف
                         1111
1111
6
                الحمد
                                     15
               المص
7
                                     1.5
                       1101011
10110
8
    الأنفال
                                    107
               پسء لـونـك
              براءه
    التوبة
9
                                     22
                         111
10
               الر
                                     7
    يصونس
              الـر
الـر
                         111
                                     7
11
    هود
   يوسف
الرعد
ابراهيم
12
                          111
                                     7
                         1111
               المر
                                     15
                       1111
111
13
14
                الر
               الر
15
    الحجر
                         111
النحل 16
                         101
1101
               اتـي
                                     5
     الإسراء
17
                سبحن
                                     1.3
_____
                          100110101 309
Siim
```

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'khir)

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

114 = C83 = AC53

319 = C252 = XC83

619 = P114 = XP53

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

Note 3: $319 = 11 \times 29$ 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 (حَرُقُوهُ) 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

1789509417650562035100500719877616330018006587962463016451802860203000075974364015760777743539459121670921820714043268507540283621253602198272994827559646127695600981086594257955350542572685517086533597545126167495846131693842896143854584045545606159060680009818511978548221537347743658271164279170910759485028876617721

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 ٱلدَّينَ عِندَ ٱللَّهِ ٱلْإِسْلُمُ ۗ وَمَا ٱخْتَلَفَ ٱلَّذِينَ أُوتُواْ ٱلْكِتْبَ إِلَّا مِنْ بَعْدِ مَا جَآءَهُمُ ٱلْجِعْلُمُ بَعْيْاً بَيْنَهُمْ ۗ وَمَن يَكْفُرُ بِـ اَيْتِ ٱللَّهِ فَإِنَّ ٱللَّهِ سَرِيعُ ٱلْجِسَابِ

"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×V is a multiple of 319.

	С	V	C+V	$C \times \Lambda$
	15 39 70 88 107	99 75 44 26	114 114 114 114 114	1485 2925 3080 2288 749
am	319	251	570	10527

Note 1: $10527 = 33 \times 319$ where 33 = AC12 = C21

[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:

#	С	V	
1	1	7	
2	2	286	
3	3	200	
4	4	176	
5	5	120	
6	6	165	
7 8	7 8	206	
9	9	75 129	
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 22	21 22	112 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 34	33 34	73 54	
35	34 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:

 	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	

#	С	V	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 38 38 38 38 38 38 38 38 38 38 38 38	58 59 60 61 62 63 64 65 66 67 72 73 74 75 76 77 78 80 81 82 83 84 85 88 90 91 92 93 94 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97	22 24 13 14 11 18 12 30 52 44 28 20 56 40 31 50 40 46 29 19 36 52 21 7 19 26 30 15 11 8 8 11 11 8 11 8 11 8 11 8 11 8	

```
46
    103 3
    104 9
47
    105
        5
48
    106
107
49
         4
         7
50
    108
51
         3
52
    109
        6
53
    110 3
        5
54
    111
55
     112
         4
        5
    113
56
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]

```
49
             18
       50
             45
       51
             60
             49
       52
             62
       53
       54
             55
       55
             78
       56
             96
             29 -----
       57
       58
             5104 = 319 \times 16
       59
              -----
       60
       61
       62
       63
       64
       65
       66
       67
       68
       69
       70
       71
       72
       73
       74
       75
       76
       77
       78
       79
       80
       81
       82
       83
       84
       85
       86
       87
   Sum 3828 = 319 \times 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 \times 19 \times 53
       where
       3\times19 has the same digits and order of number 319
       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

```
2
                 26
10
        3 8
4 12
                 46
                53
11
   2
   2
15
            8
5
                 33 --- 319 letters
12
        5
                 22
        50
1
   15
            4
2
       51
                 17
3
   15
       52
            9
                 36
            7
   15
       53
4
                 27
   15
                 35
            8
       54
5
            7
6
    15
        55
                 30
            8
   15
        56
7
                 29
   15
       57
            5
                 23
8
   15
                 26
9
       58
            6
                 25
10
   15 59
            6
                 28
21 --- 319 letters
   15 60 6
15 61 5
11
12
   15
       61
            5
1
                 21
2
   15 62
            4
                 16
            7
   15 63
                 28
3
           4
14
9
   15
15
       64
                 21
4
5
        65
                 60
   15
        66
                 40
6
7
   15
       67
            4
                 22
8
   15 68
            6
                 23
   15 69
                 18
9
            4
            5
6
   15
15
10
        70
                 22
        71
                 24
11
            5
   15
       72
12
                 24 --- 319 letters
   69
       10
            6
                 28
   69
            7
2
        11
                 29
   69
69
            6
6
        12
13
                 28
22
3
4
            6
   69
        14
                 29
5
   69
        15
            3
                 17
6
7
   69 16 5
                 25
   69 17
69 18
69 19
            9
6
9
                 42
26
8
9
10
                 40
   69 20
                 19
            5
11
   69 21 4 14 --- 319 letters
12
_____
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 = = $2\times23\times1693$ 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 3	19 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	

```
19
         59
6
    16
                    64
        60 12 59 --- 319 letters
37 13 48
    16
7
    17
1
          38
2
     17
                     24
         39
               18
    17
3
                     68
               11
4
    17
         40
                     57
5
    17
         41
               10
                     45
    17
         42
               13
                     49
6
                    28 --- 319 letters
    17
7
          43
               6
1
     19
          23
               13
                     56
               10
    19
                     38
2
          24
3
    19
          25
                     34
              8
    19
4
          26
               18
                     76
    19
                    39
          27
               10
5
              11
10
     19
          28
                     38
6
                     38 --- 319 letters
    19
7
          29
         110 10
                    38
1
    20
2
    20
         111
               9
                     35
               11
3
    20
         112
                     40
              14
          113
4
     20
                     62
5
     20
          114
               17
                     65
               11
         115
                     37
    20
6
7
    20
         116 9
                    42 --- 319 letters
1
    21
         90
              19
                    89
               11
                     56
2
    21
         91
3
     21
          92
                     32
               8
               6
         93
    21
                     29
4
               12
5
    21
         94
                     46
6
    21
         95
               7
                     30
               10
                    37 --- 319 letters
         96
7
    21
    25
         63
              12
5
1
                     59
     25
                     26
2
          64
               11
    25
3
          65
                     47
    25
                     20
4
         66
               4
5
    25
         67
               11
                     47
    25
              22
                    86
         68
6
7
     25
          69
                     34 --- 319 letters
    29
          54
                     37
1
               6
               13
2
    29
          55
                    56
3
    29
         56
              8
                     38
               7
         57
    29
4
                     28
              17
5
5
     29
          58
                     82
6
     29
          59
                     25
               12
                    53 --- 319 letters
7
    29
         60
    35
          21
                    16
1
              4
2
    35
          22
               16
                    61
    35
          23
               4
12
3
                     12
4
     35
          24
                     47
               13
    35
          25
                     65
5
    35
               7
                     27
6
          26
7
    35
         27
               22
                    91 --- 319 letters
         16
               11
                     40
1
    67
          17
               12
    67
                     48
2
3
     67
          18
                8
                     30
         19
               15
    67
4
                     60
    67
          20
               15
                     53
5
              12
               12 42
12 46 --- 319 letters
         21
6
    67
    67
          22
                    ------
Sum 1757 3528 765 3190
```

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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 + + 114 = 6555

v_sum = Sum of verse numbers in the Quran = 1+2+3+4+5+6+7+1+2+3+4+5+...+286+1+2+3+4+5+...+200+1

1+2+3+4+5+6 = 333667

 $diff = c_sum - v = 6555 - 6236 = 319$

then

 $v sum \div c sum = 333667 \div 6555 = 50 remainder 5917$

let

r = 5917

then

v - r = diff

6236 - 5917 = 319

Note 1: Multiplying consecutive digits of $333667 = (3\times3) + (3\times3) + (3\times6) + (6\times6) + (6\times7) = 114$

Note 2: Palindrome 12345678987654321 = 111111111111111111 = $9 \times 9 \times 37 \times 37 \times 333667 \times 333667$

Pattern 319i:

There are 3 consecutive chapters with 319 verses.

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

There are 6 consecutive chapters with 319 verses.

#	С	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 (chapter 1 gets verses of chapter 114 and chapter 2 gets verses of chapter 113, etc.),

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

С	V	C-V	Odd	Even	Prime	Comp	Dupl	Unique
1 2	6 5	-5 -3	-5 -3	0 0	-5 -3	0	-5 -3	0
3	4	-1 -1	-1 -1	0	0	0	-1 -1	0
5	3	2	0	2	2	0	2	0
6 7	6 3	0 4	0 0	0 4	0 0	0 4	0 4	0
8 9	7	1	1	0	0	0	1	0
10	5	5	5	0	5	0	5	0
11	9	2	0	2	2	0	2	0

12 13 14 15 16 17 18 19 10 12 12 13 14 15 16 17 18 19 10 12 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	3 8 11 11 8 8 5 19 8 8 11 15 0 3 2 6 19 17 22 5 3 6 19 29 42 46 40 50 1 40 50 28 8 44 52 2 30 2 12 18 11 11 41 32 42 29 6 8 5 3 7 5 9 8 5 3 7 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5	9 5 3 4 8 9 13 12 13 11 2 9 5 -4 1 9 1 2 1 8 6 -4 1 4 5 -7 -10 -3 -12 1 1 1 1 1 1 1 1 1 1 1 1 1	9 5 3 0 0 9 13 0 0 13 11 0 9 5 0 0 0 0 0 0 0 5 -7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 12 0 0 0 12 0 0 0 12 8 6 0 14 0 0 12 8 0 0 12 8 0 0 12 8 0 0 16 0 16 0 16 0 16 0 0 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 5 3 0 0 13 0 0 13 11 2 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	9 5 0 4 8 9 13 0 2 9 5 -4 1 9 5 -4 1 9 5 -4 1 9 5 0 0 0 1 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

	82 83 84 85 88 88 88 88 89 99 99 99 99 99	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	9 53 50 25 17 -1 -5 -138 13 27 -26 15 -18 -40 -2 -13 -13 -29 1 49 59 -8 -19 -4 -23 32 -98 -56 -10 -65 -88 -173 107	9 53 0 25 17 -1 -5 0 13 27 0 15 0 0 0 -13 -13 -29 1 49 59 0 -19 0 0 0 0 -19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 50 0 0 0 0 0 -138 0 0 -26 0 0 -18 -40 -2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 53 0 0 17 0 -5 0 13 0 0 0 0 0 0 0 0 -2 -13 -13 -29 0 0 59 0 -19 0 0 0 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0	9 0 50 25 0 0 0 -138 0 27 -26 15 -18 -40 0 0 0 0 0 49 0 -8 0 -4 0 0 32 -98 -10 -65 -88 0 0	9 0 0 0 0 0 1 1 5 -1 8 0 0 -13 -13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 53 50 25 17 0 0 -138 0 0 -26 0 0 -26 0 0 -29 0 49 59 -8 -19 0 -23 0 -98 -56 0 -65 -88 -173 107
Sum 6	 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 = $10716 = 94 \times 114$

C	V	Factors	Sum	C+Sum
1	 7	7+1	8	9
2	*	286+143+26+22+13+11+2+1	504	-
3		200+100+50+40+25+20+10+8+5+4+2+1	465	
4	176	176+88+44+22+16+11+8+4+2+1	372	
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	
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+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

n	6555	6236		10716	17271
	114	6	6+3+2+1	12	126
	113	5	5+1	6	119
	112	4	4+2+1	7	119
	111	5	5+1	6	117
	110	3	3+1	4	114
	109	6	6+3+2+1	12	121
	108	3	3+1	4	112
	107	7	7+1	8	115
	106	4	4+2+1	7	113
	105	5	5+1	6	111
	104	9	9+3+1	13	117
	103	3	3+1	4	107
	102	8	8+4+2+1	15	117
	101	11	11+1	12	113
	100	11	11+1	12	112
	99	8	8+4+2+1	15	114
	98	8	8+4+2+1	15	113
	97	5	5+1	6	103

94×114 Palindrome

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

#	N	Fact	ors	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 38 39 39 30 30 31 31 31 31 31 31 31 31 31 31 31 31 31	6 10 14 15 21 22 26 33 34 35 38 39 46 51 55 57 58 62 65 69 74 77 82 85 86 87 91 93 94 95 106 115 115 118 119 122 123 124 125 126 127 127 127 127 127 127 127 127 127 127	2 2 2 3 3 2 2 3 2 5 2 3 2 3 5 3 2 2 5 3 2 7 2 5 2 3 7 3 2 5 2 7 2 3 3 7 2 3 2 11	3 5 7 5 7 11 13 11 17 7 19 13 23 17 11 19 29 31 13 23 37 11 41 17 43 29 13 37 19 53 37 19 53 53 57 67 67 67 71 13	

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140 5 29
146 2 73
155 5 31
158 2 70
44
45
46
47
    159
               53
48
           3
    161
49
          7
               23
50
    166 2
         3
              59
51
    177
         2
               89
52
     178
53
     183
          3
                61
     185
                37
54
           5
55
    187 11
               17
56
    194 2
               97
          3
               67
    201
57
58
     202
          2
                101
           7
               29
59
     203
    205 5
60
               41
61
    206 2
               103
    209 11 19
62
         3
63
     213
                71
               107
64
     214
           2
               43
     215 5
6.5
    217 7
66
               31
67
    218 2 109
               73
68
    219 3
              17
113
69
     221
          13
         2
    226
70
71
               47
    235 5
72
    237 3
               79
     247 13
              19
73
         3
11
74
     249
               23
                83
75
     253
              127
    254 2
76
   259 7
262 2 131
265 5 53
267 3 89
274 2 137
278 2 139
287 7 41
97
77
78
79
80
81
82
83
               97
84
     291 3
85
     295
          5
              149
                59
           2
86
     298
    299 13
               23
87
88
    301 7
               43
               151
89
    302 2
               101
61
103
    303 3
305 5
90
91
     305
          5
    309
92
          3
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 $$\operatorname{\mathtt{where}}$$

2091 = 1229th additive composite 1229 = 94th non-additive prime

Using http://heliwave.com/Composites.zip
How many factors-per-number to find?

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

Maximum number to factor?

6236

-								
=	#	N	С	AC	XC	Factor	S	
> 3	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: $4^2 + 4^2 + 9^2 = 8^2 + 7^2$

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

Square1 + Square2 = 400 + 49 = 449 = 4n+1 prime = $4 \times 112 + 1$ Digit sums = 4 + 13 = 17 = 4n+1 prime = $4 \times 4 + 1$

- Note 1: 112 is the number of chapters in the Quran with BismAllah prefixes. Chapter 112 is Oneness of God and has $4\ \mathrm{verses}$.
- 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 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 (2² and 7²)
- 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 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 وَقُلُ ٱلْحَمْدُ لِلَّهِ سَيُرِيكُمْ ءَ الْحِبَّ فَتَعْرِفُونَهَا ۚ وَمَا رَبُّكَ بِغُفِلٍ عَمًّا تَعْمَلُونَ 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: ω ω where ω is repeated 27 times in the chapter, and ω 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
AP50 AP53
                               [pattern 9b, pattern 91]
                               [pattern 9a]
      C50 = XC18
Twin Numbers
Pattern 506a: 114 and 506 act like as twin numbers:
      114 \div 2 = 57
      median(1..57) = 29
      57 \times 29 = 1653
                       where P16 = 53 [pattern 8]
      506 \div 2 = 253
      median(1..253) = 127
      253 \times 127 = 32131
                          where P32 = 131
      P114
             = 619
      114 + 506 = 620
      C506
               = 621
      XC114 + AC114 - 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?
      Duplicate factors, unique, or any (d/u/a)? a
      Maximum number to factor?
```

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 43 47 53 59 61 67 71 73 79 83 89 97	13 14 15 16 17 18 19 20 21 22 23 24 25 26	8 9 10 11 12 13 14	6 7 8 9 10	4 5 6 - 7	5 7 11 8 14 7 13 8 10 16 11 17 16 2	5 7 2 8 5 7 4 8 1 7 2 8 7 2 8
>	103 107 109 113 127 131	27 28 29 30 31 32 33	16 17 18	12 13 14 15	9 10 -	4 8 10 5 10 5 11	4 8 1 5 1 5 2
	139 149 151 157	34 35 36 37	19 20 21	16	11	13 14 7 13	4 5 7 4
	163 167 173 179	38 39 40 41	22 23	17	12	10 14 11 17	1 5 2 8
	181 191 193 197 199	42 43 44 45 46	24 25 26 27	19	-	10 11 13 17 19	1 2 4 8 1
	211 223 227 229	47 48 49 50	28 29 30	20	13	4 7 11 13	4 7 2 4
	233 239 241 251	51 52 53 54	31	21 22 23	14 15 16	8 14 7 8	8 5 7 8
	257 263 269	55 56 57	32 33	24	17	14 11 17	5 2 8
	271 277 281 283	58 59 60 61	34 35	25 26	- 18	10 16 11 13	1 7 2 4
	293 307 311 313 317 331 337	62 63 64 65 66 67 68	36 37 38 39 40	27 28	19 -	14 10 5 7 11 7	5 1 5 7 2 7 4
	347 349 353 359	69 70 71 72	41 42	29 30	20 21	14 16 11 17	5 7 2 8
	367 373 379 383	73 74 75 76	43 44	31	22	16 13 19 14	7 4 1 5
	389 397 401 409	77 78 79 80	45 46 47	33	24	20 19 5 13	2 1 5 4
	419 421	81 82	48	34	25	14 7	5 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

How many factors-per-number to ring:

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

Maximum number to factor?

506

68 48 31

1 1 1 72 51 33 2 2 2 74 52 3 3 75 53 34 4 4 76 54 5 1 77 55 35 6 2 78 56 36 7 3 80 57 37 8 5 81 58 38 9 4 82 59 39 10 6 84 60 40 11 5 85 61 61 12 6 86 62 41 13 7 87 63 42 4 8 88 64 43 15 7 90 65 44 16 9 91 66 45 17 10 92 67 14 18 11 93 68 46 45 19 8 94 69	1 1 1 72 51 33 2 2 2 74 52 3 3 75 53 34 4 4 76 54 5 1 77 55 35 6 2 78 56 36 7 3 80 57 37 8 5 81 58 38 9 4 82 59 39 10 6 84 60 40 11 5 85 61 61 11 12 66 86 62 41 13 7 87 63 42 41 43 45 42 44 43 42 44 43 46 44 43 45 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43					68		31
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6 2 78 56 36 7 3 80 57 37 8 5 81 58 38 9 4 82 59 39 10 6 84 60 40 11 5 85 61 12 6 86 62 41 13 7 87 63 42 43 42 43 42 44 83 42 43 42 44 43 42 44 43 43 42 44 43 43 42 44 43 43 43 43 43 43 43 44 43 43 44 43 44 43 45 44 43 45 44 43 45 44 43 46 44 43 46 44 43 46 46 47 44 46 46 46 4	6 2 78 56 36 7 3 80 57 37 8 5 81 58 38 9 4 82 59 39 10 6 84 60 40 11 5 85 61 12 6 86 62 41 13 7 87 63 42 14 8 88 64 43 15 7 90 65 44 16 9 91 66 45 17 10 92 67 18 11 93 68 46 19 8 94 69 20 9 95 70 47 21 12 96 71 48 22 10 98 72 23 13 99 73 49 24 14 100 74 25 11 105)	5		1			35
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9 4 82 59 39 10 6 84 60 40 11 5 85 61 12 6 86 62 41 13 7 87 63 42 14 8 88 64 43 15 7 90 65 44 16 9 91 66 45 17 10 92 67 18 11 93 68 46 19 8 94 69 20 9 95 70 47 21 12 96 71 48 22 10 98 72 23 13 99 73 49 24 14 100 74 25 11 102 75 26 15 104 76 27 16 105 77 50 28 17 106 78 11 </td <td>9</td> <td>.5</td> <td></td> <td>5</td> <td>5</td> <td></td> <td></td> <td></td>	9	.5		5	5			
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133	100		37	218	170		58
134	101	64		219	171	113	
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135	102	65			172	114	
136	103	66		221	173		59
138	104	67		222	174	115	
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140	105		38	224	175	116	
141	106	68		225	176	117	
142	107		39	226	177	118	
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143	108	69		228	178	119	
144	109	70		230	179		60
145	110	71		231	180	120	
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146	111		40	232	181		61
147	112	72		234	182	121	
148	113		41	235	183	122	
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150	114	73		236	184		62
152	115	74		237	185	123	
153	116	75		238	186		63
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154	117	76		240	187	124	
155	118		42	242	188	125	
156		77		243		126	
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158	120	78		244	190	127	
159	121	79		245	191		64
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160	122		43	246	192	128	
161	123	80		247	193		65
162	124	81		248	194	129	
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164	125		44	249	195	130	
165	126	82		250	196		66
166	127		45	252	197	131	
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168	128	83		253	198	132	
169	129	84		254	199		67
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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
		92					0.9
182	139		47	266	209	140	
183	140	93		267	210	141	
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184	141		40	268	211		
185	142	94		270	212	143	
186	143	95		272	213		70
187	144	96		273		1 / /	
		96			214	144	
188	145		49	274	215		71
189	146	97		275	216	145	
190	147	98		276	217	146	
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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	
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201	154		51	286	224	152	
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203	156		52	288	226	153	
204	157	105		289	227		74
205	158		53	290	228		75
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206	159	106		291	229	154	
207	160	107		292	230		76
208	161	108		294	231	155	
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209	162		54	295	232	156	
210	163		55	296	233		77
	164		56	297	234	157	
212		100	20			10/	
213	165	109		298	235		78
214	166		57	299	236	158	
215	167	110	- •	300			79
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301	238	159		385	308	209	
302	239		80	386	309		100
303	240	160		387	310	210	
304	241		81	388	311		101
305	242	161		390	312	211	100
306 308	243 244	162	82	391 392	313 314	212	102
309	244	163	02	393	314	213	
310	246	164		394	316	214	
312	247	165		395	317		103
314	248	166		396	318	215	
315	249	167		398	319	216	
316	250	168		399	320	217	
318	251	169		400	321	218	
319	252		83	402	322	219	104
320 321	253 254	170	84	403 404	323 324	220	104
322	255	170	85	404	325	221	
323	256	171	0.5	406	326	222	
324	257	172		407	327		105
325	258	173		408	328	223	
326	259		86	410	329		106
327	260	174		411	330	224	
328	261		87	412	331		107
329	262	175		413	332	225	
330	263	176		414	333	226	
332 333	264	177 178		415	334	227	108
334	265 266	179		416 417	335 336	228	100
335	267	113	88	418	337	220	109
336	268	180	00	420	338	229	103
338	269	181		422	339	230	
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	100	90	428	345	234	
345 346	276 277	186	91	429 430	346 347	235	112
348	278	187	91	432	348	236	112
350	279	188		434	349	200	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	
358 360	286	194 195		442 444	356 357	242 243	
361	287 288	196		445	358	243	115
362	289	150	93	446	359	244	110
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	445
370	296	201	0.0	454	366	250	117
371 372	297 298	202	96	455 456	367 368	250 251	
374	299	202		458	369	2 J I	118
375	300	204		459	370	252	110
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	0.0	466	375	257	
382	306	200	99	468	376	258	110
384	307	208		469	377		119

470	378		120	488	394	269	
471	379	259		489	395	270	
472	380		121	490	396		126
473	381	260		492	397	271	
474	382	261		493	398	272	
475	383	262		494	399		127
476	384		122	495	400	273	
477	385	263		496	401		128
478	386		123	497	402	274	
480	387	264		498	403	275	
481	388		124	500	404		129
482	389	265		501	405	276	
483	390	266		502	406		130
484	391	267		504	407	277	
485	392		125	505	408	278	
486	393	268		> 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.

	М	N	$\mathbb{M}{\times}\mathbb{N}$	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	قـل هو لله احد = 220
	11	21	231	31	262	الله الصمد = 231
	12	20	240	37	277	لم يلد ولم يولد = 240
	13	19	247	41	288	
	14	18	252	43	295	
	15	17	255	47	302	
>		16	256	53	309	[pattern 8]
	17	15	255	59	314	
	18	14	252	61	313	
	19	13	247	67	314	040
	20	12	240	71	311	ولم يكن له كفوا احمد = 311 لم يلد ولم يولد = 240
	21	11	231	73	304	الله الصمد = 231
	22	10	220	79	299	قـل هـو الله احـد = 220
	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 31	2 1	60 31	113 127	173 158	
_						
Sum	496	496	5456	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:

 $506 + 114 = 620 = 2 \times 2 \times 5 \times 31$ Chapter verses: 286 + 286 + 120 + 34 = 726 = 506 + 220 = 506 + AC114

Double sum points to double 506 via verses per chapter:

 $2 \times 620 = 1240 = 2 \times 2 \times 2 \times 5 \times 31$

Chapter verses: $286 + 286 + 286 + 120 + 34 = 2 \times 506$

Difference is divisible by double seven (2×7) : [pattern 21b note 1]

 $506 - 114 = 392 = 2 \times 2 \times 2 \times 7 \times 7$

Concatenations are divisible by double seven (2×7): [pattern 21b note 1]

R2L: 506114 = $2 \times 7 \times 36151$ L2R: 114506 = $2 \times 7 \times 8179$

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

 $506 \div 2 = 253 = 114 + 139$

There are 30 primes up to 114

C19 = 30 and P19 = 67

30 + 67 = 97 is 4n+1 prime[pattern 449b]

There are 96 primes up to 506

C71 = 96 and P71 = 353

96 + 353 = 449 is 4n+1 prime[pattern 449b]

Note 7:

Sum of numbers from 1 to 114 = 6555

Sum of digit sums of numbers from 1 to 506 = 5556

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 = 514where 514 - 8 = 506

and 514 = AC283 where 283 is the largest prime verse in chapter 2

Sums of three consecutive primes:

#	P1	P2	Р3	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	7 4

Sums of three consecutive composites:

#	C1	C2	С3	Sum	Prime	Composite
1	4	6	8	18	0.0	18
3	6 8	8 9	9 10	23 27	23	27
4 5	9 10	10 12	12 14	31 36	31	36
6	12	14	15	41	41	50

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

Sums of 3 Consecutive Primes as Chapters:

#	Name	С	V		
1 2 3 4 5 6 7 8 9 10	يونس المؤمنون المؤمنون فصلت فصلت الحجرات نوح المطففين المطففين	10 15 23 31 41 49 59 71 83 97 109	109 99 118 34 54 18 24 28 36 5		
Sum	'نت درون	588		-Sum 1119	-Diff 57

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

Prime Sums of 3 Consecutive Primes as Chapters:

#	Name	С	V		
1	 الـمـؤمـنـون	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

Composite Sums of 3 Consecutive Primes as Chapters:

#	Name	C	 V		
1 2 3	يونس الحجر الحجرات	10 15 49	109 99 18	·Sum	<i>p</i> : ee
Sum		74	226		192

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	يـس	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	النبإ	78	40										
16	التكوير	81	29										
17	البروج	85	22										
18	البلد	90	20										
19	التين	95	8										
20	الزلزلة	99	8										
21	التكاثر	102	8										
22	الفيل	105											
23	الكافرون	109	6										
24	الفلق	113	5										
		1.61.6		-									-SumDiff
Sum		1616	886		2502	2502	2502	2502 <i>i</i>	2502 /3	2502 /30	2502 730	2502 730	2502 730

Prime Sums of 3 Consecutive Composites as Chapters:

Name C V

1 المؤمنون 31 118
2 المؤمنون 31 34
3 31 34
4 54
4 إلى المحشر 59 24
5 الملك 67 30
6 و الملك 67 30
6 و الملك 71 28
7 الكافرون 71 28
7 الكافرون 109 6
8 الفلق 113 5

Sum

Composite Sums of 3 Consecutive Composites as Chapters:

514 299 813 215

#	Name	С	V	
1	الكهف	18	110	
2	النمل	27	93	
3	يـس	36	83	
4	الجاثية	45	37	
5	الحجرات	49	18	
6	العتمر	54	55	
7	المنافقون	63	11	
8	القيامة	75	40	
9	النبإ	78	40	
10	التكوير	81	29	
11	البروج	85	22	
12	البلد	90	20	
13	التبن	95	8	
14	الزلزلة	99	8	
15	التكأثر	102	8	
16	الفيل	105	5	
Sum		1102	587	

Pattern 561

The Straight Path is the 12 Imams of Islam (peace be upon them) الصراط المستقيم هم الأثمة الإثنا عشر عليهم السلام

Note 1: Quran 1:6 مُدِنَا ٱلصَّرُٰطَ ٱلْمُسْتَقِيمَ Word frequency: 5 6 1

وَلَهَدَيْنُهُمْ صِرْطًا مُّسْتَقِيمًا :Verse 561 in the Quran

Note 2: Quran 1:6 has 5 verses before it and 1 verse after it in its chapter [----6-].

Note 3: Quran 1:6 is the only verse in its chapter that produces a whole number when $(V\times W\times L) \div (V+W+L) = 12$:

Address		Verse	Words	Lett	ers	$\triangle+\mathbb{M}+\mathbb{T} \triangle\times\mathbb{M}\times\mathbb{T}$	$(V \times W \times L) \div (V + W + L)$ Text
Quran 1:1	1	4	19	24	76	3.166666667	بيسْم ٱللَّه ٱلرَّحْمَٰن ٱلرَّحِيم
Quran 1:2	2	4	17	23	136	5.913043478	أُلْحَمْٰدُ للَّهِ ۚ رَبِّ ۗ ٱلْخُلِّمِينَٰ
Quran 1:3	3	2	12	17	72	4.235294118	ٱلرَّخْمَٰن ٱلرَّحِيْمَ
Quran 1:4	4	3	11	18	132	7.333333333	مُلِكِ يَوْم ٱلدّينُ
Quran 1:5	5	4	19	28	380	13.57142857	إيًاكَ نَعْبُدُ وَإِيَّاكَ ٰنَسْتَعِينُ
Quran 1:6	6	3	18	27	324	12.00000000	اً هُدِنَا ٱلصِّرُٰطَ ٱلْمُسْتَقِيمَ
Quran 1:7	7	9	43	59	2709	45.91525424	صِرٰطَ ٱلَّذِينَ أَنْعَمْتَ عَلَيْهُمْ

Note 4a: The Quran has 114 chapters.

Sum of digital roots of all numbers from 1 to 114 = 561

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

975 = C810 or the 810th composite number.

975 = AC561 or the 561st composite number with a composite digit sum.

561 = Sum of Alphabet_Primes values of letters used in Quran 1:1 بسم لله الرحمن الرحيم (In the Name of Allah, the merciful everywhere, the merciful everywhen.)

#	Letter	Alphabet_Prim	nes	
1 2 3 4 5 6 7 8 9	س ب د د د د ي ن ح د	3 37 89 2 83 101 29 13 97		
Sum		561	where A	С5

Sum 561 where AC561 = 975

810 = Sum of Alphabet_Primes values of letters unused in Quran 1:1 بسم لله الرحمن الرحيم (In the Name of Allah, the merciful everywhere, the merciful everywhen.)

#	Lette	r Alphabet_Primes
1	ـــــــــــــــــــــــــــــــــــــ	5
2	ث	7
3	8	11

```
4
           17
    د ا
3 19
3 23
5 31
ش 41
5
6
7
8
          43
9
    ص
ض
ط
10
          47
11
          53
53

12 ن 59

13 ε 61

14 ἐ 67

15 ن 71

16 ن 73

17 ن 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 بسم لله الرحمن الرحيم (In the Name of Allah, the merciful everywhere, the merciful everywhen.)

#	Letter	Alphabet_Primes1
1	ç	1
2	ت	5
3	ث	7
4	ج	11
5	خ	17
6	٥	19
7	3	23
8	ز	31
9	ش	41
10	ص	43
11	ض	47
12	ط	53
13	ظ	59
14	ع	61
15	ع ف	67
16		71
17	ق	73
18	ك	79
19	و	103
190	Sum	811

where there are 811 verses with prime sequence. [pattern 114c] and the DF811 = AC619 = AP114 - AC114 [pattern 114c note 1]

Note 5: The sum of Simplified29_Alphabet_Composites values of letters used in chapter (الفاتحة) The Key = 561

#	Letter	Alphabet_Composites
1 2 3 4 5 6 7 8 9 10	ب ا م س ب ن ح ر د ي ن ح	8 22 38 6 36 40 20 14 39 44

```
12
       30
       35
13
       42
14
   و
15
   ت
       25
   ص
ط
16
       27
17
   ق
ذ
18
19
       18
20
      32
26
21
   ض
_____
       561
Sum
```

Note 6a: The 561st 4n-1 composite number = $3143 = 4 \times 786 - 1$ where $786 = Abjad_Gematria$ value of Quran 1:1 بسم لله الرحمن الرحيم (In the Name of Allah, the merciful everywhere, the merciful everywhen.)

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

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:

s 4 ------Sum 92

92nd 4n+1 composite number = 561

Note 8: 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	J	30	
3	ي	10	
4	ح	8	
5	w	60	
6	ن	50	
7	ع	40	
8	٥	4	
9	ج	3	
10	فَ	80	
11	ر	200	
12	و	6	
Sum		561	

Note 9: 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 فِى بُيُوتِكُنَّ وَلَا تَبَرُجْنَ تَبَرُّجَ ٱلْجُهِلِيَّةِ ٱلْأُولَىٰ ۖ وَأَقِمْنَ ٱلصَّلَوٰةَ وَ َاتِينَ ٱلزَّكَوٰةَ وَأَطِعْنَ ٱللَّهِ وَرَسُولَةٌ ُ إِنَّمَا يُرِيبُ ٱللَّهُ لِيُذْهِبَ عَنِكُمُ ٱلرَّجْسِ أَهْلَ ٱلْبَيْتِ وَيُطَهَّرَكُمْ تَطْهِيزٍ"

"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 10: There are 5 Imams + 6 Imam + 1 Im'm = 12 Imams of Islam: 5 occurrences of the word Imams (i) in the Quran. 6 occurrences of the word Imam (i) in the Quran.

1 occurrence of the word Im'm (إنْم) in the Quran.

Note 11: $561 = Sum ext{ of digital roots of the number of letters in each chapter (Simplified29 with Bism):}$

Note 12: 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

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 13: 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	С	AC	XC	Fact	 cors		
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		192			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		27	266	209	140			7	19
30		28	273	214	144		J		13
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				221			2	3	
33			285	223			3	5	
33		31	286	224			2	11	
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 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		32	290	228		75	2	5	
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 3 11 13 <td></td> <td>33</td> <td>310</td> <td>246</td> <td></td> <td></td> <td>2</td> <td>5</td> <td></td>		33	310	246			2	5	
36 343 276 186 3 5 23 39 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 <td></td> <td>34</td> <td>318</td> <td>251</td> <td></td> <td></td> <td>2</td> <td>3</td> <td></td>		34	318	251			2	3	
36 343 276 186 3 5 23 39 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 <td></td> <td>35</td> <td>322</td> <td>255</td> <td></td> <td>85</td> <td>2</td> <td>7</td> <td></td>		35	322	255		85	2	7	
38		36	345	276	186		3	5	
38					191		2	3	
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 <td></td> <td>38</td> <td>357</td> <td>285</td> <td>193</td> <td></td> <td>3</td> <td>/</td> <td></td>		38	357	285	193		3	/	
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 <td></td> <td>39</td> <td>366</td> <td>293</td> <td></td> <td></td> <td>2</td> <td></td> <td>61</td>		39	366	293			2		61
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 <td></td> <td>40</td> <td>370</td> <td>296</td> <td></td> <td></td> <td>2</td> <td>5</td> <td></td>		40	370	296			2	5	
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 55 455 367 256 3 5 31 57 470 378 120 2 5 47 <td></td> <td>41</td> <td>374</td> <td>299</td> <td></td> <td></td> <td>2</td> <td>11</td> <td></td>		41	374	299			2	11	
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 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> <td></td>							5		
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 <td></td> <td>43</td> <td>399</td> <td>320</td> <td>217</td> <td></td> <td>3</td> <td></td> <td></td>		43	399	320	217		3		
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 59 483 399 127 2 13 19 </td <td></td> <td>44</td> <td>402</td> <td>322</td> <td>219</td> <td></td> <td>2</td> <td></td> <td></td>		44	402	322	219		2		
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 59 483 399 127 2 13 19 61 498 403 275 2 3 83 </td <td></td> <td>45</td> <td>406</td> <td>326</td> <td>222</td> <td></td> <td>2</td> <td>7</td> <td></td>		45	406	326	222		2	7	
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 <td></td> <td>46</td> <td>410</td> <td>329</td> <td></td> <td>106</td> <td>2</td> <td>5</td> <td></td>		46	410	329		106	2	5	
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 <td></td> <td>4'/</td> <td>418</td> <td>337</td> <td></td> <td>109</td> <td>2</td> <td>11</td> <td></td>		4'/	418	337		109	2	11	
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 <td></td> <td>48</td> <td>426</td> <td>343</td> <td>233</td> <td></td> <td>2</td> <td></td> <td></td>		48	426	343	233		2		
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 <td></td> <td>49</td> <td>429</td> <td>346</td> <td>235</td> <td>110</td> <td>3</td> <td>11</td> <td></td>		49	429	346	235	110	3	11	
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 <td></td> <td>50</td> <td>430</td> <td>34/</td> <td></td> <td>112</td> <td>2</td> <td>5</td> <td></td>		50	430	34/		112	2	5	
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 <td></td> <td></td> <td></td> <td></td> <td>0.07</td> <td>113</td> <td>2</td> <td></td> <td></td>					0.07	113	2		
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 1		52	435	350	237		3		
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		53	438	353	239		2	3	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							2	13	17
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		55	455	36/	250		J	/	13
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		56	465	3/4	256	100	3	5	
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		5 /	470	3/8	0.61	120	2		
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		58	4/4	382	261		2		
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		59	483	390	266	107	3		
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		60	494	399	075	127	2		
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		61	498	403	275	1 0 1	2		
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		62	JU6	409	205	131	2		
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							2		
66 555 453 307 3 5 37 -> 67 561 458 310 3 11 17		04 CE	53U	430	292		2	2	
-> 67 561 458 310 3 11 17		CC	J J 4	454	∠95 207		2	ے 5	
-/ 0/ JUI 438 31U 3 11 1/	_	67	555 561	453	3U / 210		3	フ 1 1	
	->				210		ى 		

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_____
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 = AC53319 = 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] 8548221537347743658271164279170910759485028876617721

Note 3: 319^114 = 286 digits composite = number of verses of chapter 2 27048168827589754353857802820371913896169115891501231457674978816821888499711771548376309 15754921733057592857888548604811209058325065756421873417253581588695242331285235893674840 00825676816476187703735308226204350354711760301937098416128579238517877706789009017802742 9000677001662529921

Note 4: 114⁶¹⁹ = 1274 digits composite 1675340075423072513281501984729157281490448195734939113146662011698257746619147350573400046038425115385152080219288364386897486548683427192708023387361595001963898805572965272900 67680803589098663985569942072229714095698289858048802361669909305154100578074237395623917 12732809267835341235322953046469444987190485712793653646483102554061415850943697493778763 11350445739878729016825289834238814179578328783377464970567743507038843228303740221840766 75014679597728722090171243783529794101566379433841825715472234181133983553622226057458017 71869560133126013440951641807080933594807097569335513823406720576467103395953299586741577 39506907627463453821017304970527591018025373243035746392202146882186354180933899046022746 90875217879354392371205525767098514387775336883803978792750500281092587265977234217609788 66187220131562595522062291497295495577986661634250918690586630368413180977696117297790667 0368632095105454581779267584

and $(114^619) - (619^114) = 1274$ digits probable prime 167534007542307251328150198472915728149044819573493911314666201169825774661914735057340000030671210726420515835314563428356471856806548048215165321754176048885809070880351580999867680803589098663985569942072229714095698289858048802361669909305154100578074237395623917 12732809267835341235322953046469444987190485712793653646483102554061415850943697493778763 11350445739878729016825289834238814179578328783377464970567743507038843228303740221840766 71869560133126013440951641807080933594807097569335513823406720576467103395953299586741577 39506907627463453821017304970527591018025373243035746392202146882007403239168842842512696 83676441716054212305325901136933996359173306883044235152592892503657192674760524999402648 22918712591278974268460093224300668018340533938649937603992372413062638405010600211257070 6089461184345969552902649863

```
Note 5: { 1, 6, 9 }
     619 = P114  [6 \times 19 = 114]  169 = 13 \times 13  [square number]
     196 = 14×14 [square number]
     961 = 31 \times 31 [square number]
     691 = P125 [125 = 5×5×5 cubic number]
     916 = 4 \times 229 [229 4-chapter groups with chapter sum = verse sum = 229, pattern 229]
Note 6: 19 =
                      4!-3!+2!-1!
                    5!+4!-3!+2!-1!
          139 =
          619 = 6! - 5! + 4! - 3! + 2! - 1!
Note 7: 6+19+114 = 139 [letters in The Key]
           114 = 1 + 113
Note 8:
           P114 = P1 + P113
           619 = 2 + 617
Note 9: "There is no god but Allah. Muhammed is the Messenger of Allah."
        Frequency_Linear value = 114 لا الله محمد رسول الله
        Abjad Gematria value = 619 لا الله محمد رسول الله
Note 10: "There is no god but Allah. Muhammed is the Messenger of Allah.
          Ali is the Patron of Allah."
                has a Frequency 4n+1 value = 2×619 = C1034 لا الله محمد رسول لله علم
        بسم لله الرحمن الرحيم where 1034 is the Alphabet Primes1 value of
Note 11: 619 \div 114 = 5.4(298245614035087719) recurring digits
         where 298245614035087719 = 3 \times 3 \times 3 \times 7 \times 11 \times 13 \times 17 \times 37 \times 52579 \times 333667
```

where 333667 is the sum of verse numbers in the Quran.

[Pattern 9]

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:
                                            C25 = 2 \times 19 and AC25 = 3 \times 19 where 2 \times 3 = 6
    P=0 C=1
                 PC < = CCPPC = 11001 = 25
                 CP < = CCPPC = 00110 = 6
    C=0 P=1
    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).
                               up to 114 with chain length of 5 = 619
    Sum of
                    primes
    Sum of additive primes
                              up to 114 with chain length of 5 = 333
                    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 + = 57

[Pattern 9]

Pattern 619c: Multiplying all 114 verse-per-chapters produces a composite with a sum of unique prime factors = AC619:

Note 4: Chain length of (thousand thousand) 1000000 = 57

 $7 \times 286 \times 200 \times 176 \times 120 \times 165 \times 206 \times 75 \times 129 \times 109 \times 123 \times 111 \times 43 \times 52 \times 99 \times 128 \times 111 \times 110 \times 98 \times 135 \times 112 \times 78 \times 118 \times 64 \times 77 \times 110 \times 11$ ×78×96×29×22×24×13×14×11×11×18×12×12×30×52×52×44×28×20×56×40×31×50×40×46×42×29×19×36×2 5×22×17×19×26×30×20×15×21×11×8×8×19×5×8×8×11×11×8×3×9×5×4×7×3×6×3×5×4×5×6

9×19×19×19×23×23×29×29×29×31×31×31×37×37×37×41×43×43×53×59×59×73×83×89×103×109×227

 $= 2^{122 \times 3^{52 \times 5^{33 \times 7^{16 \times 11^{17 \times 13^{9 \times 17^{3} \times 19^{4} \times 23^{2} \times 19^{4}}}}$ $29^3 \times 31^3 \times 37^3 \times 41^1 \times 43^2 \times 53^1 \times 59^2 \times 73^1 \times 83^1 \times 89^1 \times 103^1 \times 109^1 \times 227^1$

Sum of unique prime factors:

```
= 2+3+5+7+11+13+17+19+23+29+31+37+41+43+53+59+73+83+89+103+109+227
```

= 1077 = C896 = AC619

```
Note 1: AP114 - AC114 = 1077 = AC619
  where:
       P114 = 619
      AP114 = 1297
      XP114 = 1571
      C114 = 150
      AC114 = 220
      XC114 = 436
   Differences:
       619 - 150 = 469 = C377 = XC119
      1297 - 220 = 1077 = C896 = AC619 <---
```

1571 - 436 = 1135 = C945 = AC652

Note 2: 1077 = DF811

where:

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

Pattern 619d: 6 chapters with a multiple of 19 letters of the word Allah (40)

#	Chap	Verses	Words	Letters	٥	ل	ل	1	اللّه	Factors
1 2 3 4 5	8 40 51 62 76 89	75 85 60 11 31 30	1237 1223 364 179 247 141	5361 5052 1541 773 1094 594	289 229 72 44 64 21	657 627 162 114 95 70	657 627 162 114 95 70	829 816 231 127 202 105	2432 2299 627 399 456 266	19×128 19×121 19×33 19×21 19×24 19×14
Sum Factor P/C AP/AC	326 2×181 289	292 2×2×73 230	3391 3391 478	14415 15×961 12725 9114	719 719 128 67	1725 75×23 1455 1008	1725 75×23 1455 1008	2310 2×3×5× 1966 1359	6479 7×11 5638 3993	19×341

Note 1: The total "\" letters in these 6 chapters = $2 \times 3 \times 5 \times 7 \times 11$ = first five primes!

Pattern 619e: 6 chapters with a multiple of 19 letters of the word Muhammed (صحمد)

#	Chap	Verses	Words	Letters	٥	٩	ح	٩	محمد	Factors
1	17	111	1560	6574	143	444	90	444	1121	19×59
2	27	93	1155	4761	98	399	54	399	950	19×50
3	61	14	225	962	19	78	15	78	190	19×10
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 3×113	268 2×2×67	3398 2×1699	14257 304 53×269 16×19	1079 13×83	179 179	1079 13×83	2641 19×139		

Note 1: The Alphabet Primes1 value of the word Muhammed = $210 = 2 \times 3 \times 5 \times 7$ (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.

Chapt	er LastWord	Letters
1	ٱلضًآلِّينَ	7
2	ٱلْـكُفِـرِيـنَ	7
3	تُفْلِخُونَ	6
4	عَلِيمُّ	4
5	قَدِيرُ	4
6	رَّحِيمُّ	4
7	يَـسْجُدُ و نَ	6
8	عَلِيمُ	4
9	ٱلْعَظِيم	6
10	ٱلْحُكِمِينَ	7
11	تَعْمَلُونَ	6
12	يُـؤْمِـنُـونَ	6

```
ٱلْكِتُٰدِ
13
             أَ لأَلْبُبِ
أَلْيَقِينُ
أَلْيَقِينُ
14
                                      6
                                      6
15
             مُحْسِنُونَ
تَكْبِيرًا
أُحَدًّا
                                      6
6
16
17
18
                                        4
             احد ا
رِکْزُ ا
اُ هُتَدَیٰ
19
20
                                        5
21
              تَصِفُونَ
                                         5
              ىر
ٱلنَّصِيرُ
22
                                         6
              ٱلرُّحِمِينَ
                                         7
23
              عَلِيمًّ
لِزَ امًّا
24
25
                                        5
              يَنقَلِبُونَ
                                         7
26
              <u>__</u>
تَعْمَلُونَ
27
                                         6
              تُرْجَعُونَ
28
                                        6
             ىرجىر
ٱلْمُحْسِنِينَ
يُوقِنُونَ
29
                                         8
30
                                         6
              ۔ ۗ خَييرِٞ
31
                                         4
             مُّنتَظِرُونَ
رُّحِيمًا
رُّحِيمًا
32
                                         7
33
                                         5
             مُرْيب
بَصِيرُ ا
34
                                         4
35
                                         5
              تُـرْجَعُونَ
36
                                      6
             ٱلْغُلَمِينَ
                                       7
37
              - حين
معنين
ٱلْعُلَمِينَ
38
                                         3
                                         7
39
              ٱلْـكَٰفِـرُ ونَ
مُجِيطً
                                        7
40
41
                                         4
              <u>-</u>
ٱلْأُمُــورُ
                                        6
42
              يَعْلَمُونَ
مُّرْتَقِبُونَ
مُّرْتَقِبُونَ
43
                                         6
                                         7
44
              أُلْحَكِيمُ
45
                                       6
            ٱلْفُسِقُونَ
أَمْثُلَكُم
46
                                        7
                                      6
47
             عَظِيمًا
48
                                        5
              تَعْمَلُونَ
49
                                        6
50
              وَ عِيدِ
                                         4
              يُـوعَدُونَ
ٱلـنُّجُومِ
51
                                       6
52
                                         6
             وَ اَعْبُدُو اَ
مُقْتَدِرٍ
وَ اَلْإِكْرَ اعِ
الْعَظِيمِ
                                         7
53
54
                                         5
                                         8
55
56
                                         6
              ٱلْعَظِيمِ
57
                                         6
              ٱلْمُفْلِخُونَ
58
                                      8
             ـسـ
ٱلْحَكِيْمُ
59
                                        6
              أَلْقُبُورٍ
ٱلْقُبُورِ
60
                                         6
              ظهرين
61
                                         5
              الرَّزِٰقِينَ
الرَّزِٰقِينَ
تَعْمَلُونَ
                                         7
62
                                      6
63
             المحسور
المحكيم
عِلْمًا
القُنتِينَ
64
                                         6
65
                                         4
66
                                         7
             مَّعِينٍ
لَّلْعِٰلَمِينَ
لَّلْعِٰلَمِينَ
67
                                         4
68
                                        7
             لىمى
ٱلْعَظِيمِ
                                       6
69
             العطِيم
يُوعَدُونَ
تَبَارُا
عَدَدُا
رُحِيمُ
الْمَعْضِرَةِ
70
                                        6
71
                                        5
72
                                         4
73
                                         4
                                         7
74
             المعفرة
المصفوتى
الميماً
يُؤْمِنُونَ
شُرْبًا
ضُحَيٰهَا
75
                                         6
76
                                         5
77
                                         6
78
                                         4
79
              ٱلْفَجَرْةُ
80
                                      6
              . - .
ٱلْعُلَمِينَ
لله
81
                                         7
```

Pattern 619g:

Sum of letter frequencies of "کتاب له" 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	e-2 Numl	pering	System	(Bin	ary)							
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							
2	5	 5	8	4	4	7	6	2	 3	11	7	3
1	1	0	2	0	3	Sum	= 74					

Base-3	3 Numbe	ring S	ystem	(Tertia	ary)							
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							
3	10	10	18	9	9	13	12	3	4	31	13	4
1	1	0	3	0	4	Sum	= 148					

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
190	2464	3222	3222

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	#	Numbe	r C	V	W	L	Value	Text
1	1	1	1	1	4	19	1034	بِسْم اَللَّهِ اَلِرَّحْمَٰنِ اَلرَّحِيمِ
	2	2	1	2	4	17	1027	ٱلْحَمْدُ للَّهِ رَبِّ ٱلْعَٰلَمِينَ
	3	3	1	3	2	12	636	ٱلرَّخْمَٰنِ ٱلرَّحِيْمَ
	4	4	1	4	3	11	858	مَٰلِكِ يَوْمِ ٱلدَّينِ
	5	5	1	5	4	19		إِيًاكَ نَعْبُدُ وَإِيَّاكَ ٰنَسْتَعِينُ
	6	6	1	6	3	18	916	ا ٱهْدِنَا ٱلصَّرَٰطَ ٱلْمُسْتَقِيمَ
	7	7	1	7	9	43	2779	صِرُٰطَ ٱلَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ ٱلْمَغْضُوبِ
ـضًآلُـينَ	وَلَا ٱل	عَلَيْهِمْ						
2	8	3	1	3	2	12	636	ٱلرَّحْمَٰنِ ٱلرَّحِيمِ
	9	4	1	4	3	11	858	مُٰلِكِۚ يَوُّم ٱلۡدَّيْنُ إيًاكَ نَعْبُدُ وَإِيًاكَ نَسْتَعِينُ
	10	5	1	5	4	19	1067	إيًاكَ نَعْبُدُ وَإِيًاكَ نَسْتَعِينُ
	11	6	1	6	3	18	916	ا ٱهْدِنَا ٱلصَّرُّطَ ٱلْمُسْتَقِيمَ
	12	7	1	7	9	43	2779	صِرٰطَ ٱلَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ ٱلْمَغْضُوبَ ٰ
ـضًآلُـينَ	وَلَا ٱل							
	13	8	2	1		3		الَّمْ
	14	9	2	2	7	26	1624	ذَٰلِكَ ٱلْكِتَٰبُ لَا رَيْبَ ۚ فِيهِ ۚ هُذِّى لَٰلُمُتَّقِينَ
3	15	3026	26	94	4	20	1268	فَكُبْكِبُواْ فِيهَا هُمُّ وَٱلْغِاوُ ٰنَ
	16	3027	26	95	3	16	928	وَجُنُودُ إِبْلِيسَ أَجْمَعُونَ
	17	3028	26	96	4	19	1298	قَالُواْ وَهُمْ فِيْهَا يَخْتُصِمُونَ تَـٱلَّهِ إِن كُنًا لَفِى ضَلُلٍ مُّيينٍ
	18	3029	26	97	6	20	1321	تَـٱللَّهِ إِن كُنَّا لَفِى ضَلَٰلٍ مُّٰلِينٍ
	19	3030	26	98	4	18	1094	إذْ نُسَوِّىكُم بِرَبِّ ٱلْعُلَمِينَ
	20	3031	26	99	4	19	1015	وَمَآ أَضَلَنَآ إِلَّا ٱلْـمُجْرِمُونَ
	21	3032	26	100	4	13	907	فَمَا لَنَا مِن شُفِعِينَ
4	22	3150	26	218	4	15	1024	ٱلَّذِي يَـرَبُكَ حِينَ تِعَـُومُ
	23	3151	26	219	3	15	880	وَتُقَلُّبُكَ فِي ٱلسُّجِدِيُّنُ
	24	3152	26	220	4	17	1208	إنَّهُ ۗ هُوَ ٱلسَّمِيعُ ٱلْعَلَيمُ
	25	3153	26	221	6	24	1704	هَلْ أَنَبَئُكُمْ عَلَىٰ مَن تَنَزَّكُِ ٱلشَّيٰطِينُ
	26	3154	26	222	5	17	988	تُنَزَّلُ عَلَىٰ كُِلِّ أَفًاكٍ أَثِيمُ
	27	3155	26	223	4	22	1450	يُلْقُونَ ، ٱلسَّمْعَ ۖ وَأَكْثَرُهُمْ ۚ كَٰذِبُونَ
	28	3156	26	224	3	20	1042	وَٱلشُّعَرَآءُ ۖيَتَّبِعُهُمُ ٱلْغَاوُ ٰنَ
5	29	3825	37	37	5	22	1039	بَلْ جَآءَ بِٱلْحَقِّ وَصَدِّقَ ٱلْمُرْسَلِينَ
	30	3826	37	38	4	23	1200	إِنَّكُمْ لَلْاَبْقُواْ ٱلْعَّذَابِ ٱلْأَلِيَّمَ
	31	3827	37	39	6	23	1327	وَمَا تُجْزَوْنَ إِلَّا مَا كُنِتُمْ تَعْمَلُونَ
	32	3828	37	40	4	19	962	ۚ إِلَّا عِبَادَ ٱللَّهِ ٱلْمُحْلَصِيْنَ
	33	3829	37	41	4	16	1205	أُولَٰئِكَ لَهُمْ رِزْقٌ مَعْلُومٌ
	34	3830	37	42	3	13	1133	فَـوَٰكِـهُ ۖ ۚ وَهُم ۚ مُّكْرَمُـونَّ
	35	3831	37	43	3	11	730	فِي جَنُّتِ ٱلنَّعِيم
6	36	3864	37	76	5	24	1689	وَنَجَيْنُهُ وَأَهْلَهُ ۗ مِنَ ٱلْكَرْبِ ٱلْعَظِيمُ
	37	3865	37	77	4	20	1179	وَجَعَلْنَا ذُرِّيَّتُهُ ۗ هُمُ ۚ ٱلْـنَاقِـنَ
	38	3866	37	78	4	20	1183	وَّتْرَكِٰنَا عَلَيْهِ فِي أُلِهِ اخِرِينَ
	39	3867	37	79	5	18	1373	سَلُمٌ عَلَىٰ نُوحٌ فِي ٱلْعُلَمِينَ
	40	3868	37	80	4	19	1136	إنًا كَذَٰلِكَ نَجُّزِي ٱلْمُحْسِنِينَ
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إِنَّهُ مُنْ عِبَادِنَا ٱلْمُؤْمِنِينَ
ثُمَّ أُغْرَقْنَا ٱلـ اَخَرِينَ
وَتْرَكِّنَا عَلَيْهِ فِي ٱلـ الحِرِينَ
                        41
                                               3869
                                                                       37
                                                                                         81
                                                                                                                                          19
                                                                                                                                                                   1237
                                                                                                                 3 16 704
4 20 1183
5 18 1373
4 19 1136
                                                                                               82
                       42
                                              3870
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7
                        43
                                               3866
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                                                                                               78
                                                                                                                                                                                               صرب حبية في الـاجريس
سَلُمُ عَلَىٰ ثُوعُ فِي الْعُلْمِينَ
إِنَّا كَذْلِكَ نَجْزِي اَلْمُحْسِنِينَ
إِنَّهُ مِنْ عِبَادِنَا الْمُؤْمِنِينَ
ثُمُ أَغْرَفْنَا الْـمُؤْمِنِينَ
هُمَ أَغْرَفْنَا الــاخَوِينَ
                                                                                                                 5 18 1373
4 19 1136
4 19 1237
3 16 704
4 17 1117
5 16 650
5 23 1397
4 17 1043
4 16 1105
3 11 741
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                                                                                                                                                                    1043
                                                3875
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                        51
                                                                                                                                                                                               قما طنكم بيرب العلميين

فَتَطَرَ نَظْرَةً فِي اَلتُجُوم

فَقَالَ إِنِّي سَقِيمُ

فَتَوَلُواْ عَنْهُ مُدْبِرِينُ

فَرَاغَ إِلَى اَلِهَتِهِمْ فَقَالَ أَلَا تَأْكُلُونَ

مَا لَكُمْ لَا تَنْطِقُونَ

فَلَمَّا أَسْلُمَا وَتَلُهُ لُا لِلْجَدِينِ

فَلَمَّا أَسْلُمَا وَتَلُهُ لُا لِلْجَدِينِ
                                               3876
                        52
                                                                       37
                                                                                          8.8
                                                                                                                                                                   1105
                                                                                                                   3 11
3 15
6 27
4 13
4 19
3 15
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                        53
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                        57
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                                                                                           103
                                                                                                                                                                                                وَنَدَيْنُهُ أَنِ يَابِرُهِيمُ
                        58
                                                3892
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                                                                                           104
                                                                                                                                          15 1061
                                                                                                                                                                                                  قَدْ صَدَّقْتَ ٱلرُّءْيَآ ۚ ۚ إِنَّا كَذَّٰلِكَ ۚ نُجْزَى ۚ
                                                                                             105
                                                                                                                       7
                        59
                                                3893
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                                                                                                                                            31
                                                                                                                                                                   1592
 ٱلْمُحْسِنِينَ

    J
    20
    1169

    3
    14
    856

    4
    20
    1183

                                                                                                                                                                                                إِنَّ هَٰذَا لَهُوَ ٱلْمَلَّوُ ۚ ٱلْمُعِينُ
                        60
                                                3894
                                                                        37
                                                                                               106
                                                                                                                                                                    1169
                                                                                          107
                                                                                                                                                                                                 وَفَدَيْنَهُ بِذِبْحِ عَظِيمٍ
                                               3895
                                                                       37
                        61
                                                                                                                                                                                               وَتْرَكْنَا عَلَيْهِ فِي أَلَّهُ الْجَرِينَ
سَلْمُ عَلَىَّ إِبْرُهِيمَ
قَدُ صَدَّقْتَ ٱلرُّءْيَآ ۚ إِنَّا كَذَٰلِكَ نَجْزِي
                                               3896
                                                                     37
                                                                                           108
                        62
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7
                        63
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                                               3893
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                                                                                               105
                                                                                                                                                                   1592
10
                        64
 ٱلْمُحْسِنِينَ
                                                                                       106
107
                                                                                                                    5 20 1169
3 14 856
4 20 1183
                                                                                                                                                                                                إِنَّ هٰذَا لَهُوَ ٱلْبَلِّؤُا ٱلْمُبِينُ
                        6.5
                                              3894
                                                                       37
                                                                                                                                                                                                وَْفَدَيْثُهُ بِنِدِبْحٍ عَظِيمٍ
                        66
                                              3895
                                                                     37
                                                                                                                                                                                               وقدينة يَوْبِعَ عَلَيْهِ

وَتَرَكُنَا عَلَيْهِ فِي الَـ الحِرينُ

سَلْمُ عَلَى إِبْرُهِيمَ

كَذْٰلِكَ نَجْزِى الْمُحْسِنِينَ

إِنَّهُ مِنْ عِبَادِنَا الْمُحْسِنِينَ

أَتَّذُ عُونَ بَعْلًا وَتَذَرُونَ أَحْسَنَ الْخُلِقِينَ

أَتَّذُ عُونَ بَعْلًا وَتَذَرُونَ أَحْسَنَ الْخُلِقِينَ
                        67
                                               3896
                                                                       37
                                                                                          108

      4
      26

      3
      12
      791

      3
      16
      1035

      4
      19
      1237

      5
      27
      1407

      5
      25
      1364

      3
      18
      1201

      4
      19
      962

      4
      20
      1183

      4
      13
      895

      4
      19
      1136

      4
      22
      1569

      3
      16
      961

      4
      18
      1342

      5
      20
      1041

      4
      19
      1192

      4
      19
      1305

      5
      21
      1337

      6
      26
      1669

      5
      21
      1553

      4
      18
      1254

      4
      20
      1108

      4
      14
      985

      2
      10
      494

      4
      13
      908

      4
      19
      962

      3
      14
      820

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                       71
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11
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ٱلله رَبَّكُمْ وَرَبًّ ءَ ابَآنِكُمُ ٱلْأَوَّلِينَ
                                                                                           126
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                                              3914
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                                                                                                                                                                                                َصَّ وَرِبِ
فَكَذَّبُوهُ فَإِنَّهُمْ لَمُحْضَرُونَ
إِلَّا عِبَادَ ٱللَّٰهِ ٱلْمُخْلَصِينَ
                       73
                                              3915
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129
130
                                              3916
                        74
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                                                                                                                                                                                               وَتْرَكُنَأُ عَلَيْهِ فِي الصحيحِينَ
سَلْمُ عَلَى إِلْ يَاسِينَ
إِنًا كَذَٰلِكَ نَجْزِي الْمُحْسِنِينِ
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وَبِاللَّهُ أَفْلَا تَعْقِلُونَ
وَبِالَّيْكِ أَفْلَا تَعْقِلُونَ
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                       78
                                              3925
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                                                                                                                                                                                               وَإِنَّ يُونُسَ لَمِنَ ٱلْمُرْسَلِينَ
إِذْ أَبَقَ إِلَى ٱلْفُلُكِ ٱلْمَشْخُونِ
فِسَا هَمَ فَكَانَ مِنَ ٱلْمُدْحَضِينَ
فَسَا هَمَ فَكَانَ مِنَ ٱلْمُدْحَضِينَ
                        80
                                                3927
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                                                                                               139
                        81
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                                                                                               140
                        82
                                               3929
                                                                      37
                                                                                            141
                                                                                                                                                                                               فساهم فحان مِن المناطبين

فَالْتَقَمَهُ ٱلْحُوثُ وَهُوَ مُلِيمُ

فَلَوْلآ أَنَّهُ كَانَ مِنَ ٱلْمُسَبَّحِينُ

أَمْ خَلَقَٰنَا ٱلْمُمَلِّئِكَةً إِنْثَا وَهُمْ شُهدُونَ

أَلآ إِنْهُم مَنْ إِفْكِهِمْ لَيَقُولُونَ

وَلَدَ اللهُ وَإِنْهُمْ لَيَقُولُونَ

أَنْ أَنَّ وَلَدَ اللهُ وَإِنْهُمْ لَكَذِبُونَ

أَنْ أَنَّ وَلَدَ اللهُ وَإِنْهُمْ لَكَذِبُونَ
                                              3930
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                                                                                           142
                        8.3
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                        84
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13
                        85
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                        87
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                                                                                                                                                                                                أَصْطَفَى ٱلْبَنَاتِ عَلَٰى ٱلْبَنِينَ
مَا لَكُمْ كَيْفَ تَحْكُمُونَ
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                                                                                                                                                                                                أَفَلَا تَخَكُّرُونَ
                        90
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                                                                                                                                                                                               أَمْ لَكُمْ سُلُطُنٌ مُّبِينٌ
سُبْخُنَ اللهِ عَمًا يَصِفُونَ
إِلَّا عِبَادَ اللهِ الْمُخْلَصِينَ
إِلَّا عِبَادَ اللهِ الْمُخْلَصِينَ
                                                3944
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مَا أَنتُمْ عَلَيْهِ بِيغْتِنِينَ
إِلَّا مَنْ هُوَ صَالِ ٱلْجَحِيمِ
وَمَا مِنَا ۚ إِلَّا لَـهُ مُعَامٌ مَعْلُومُ
وَإِنَّا لَـنَحْنُ ٱلصَّاقُونُ
وَإِنَّا لَـنَحْنُ ٱلمُسَبِّحُونَ
وَإِنَّا لَـنَحْنُ ٱلمُسَبِّحُونَ
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                        102
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لَوْ أَنَّ عِندَنَا ذِكْرًا مَّنَ اَلْأُولِينَ
لَكُنًا عِبَادَ اَللَّهِ اَلْمُخْلَصِينَ
فَكَفَرُوا بِهِ ۚ ۖ فَسَوْفَ يَعْلَمُونَ
                        103
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169 4
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168 6
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لَكُنًا عِبَادَ ٱللَّهِ ٱلْمُحْلَصِينَ
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170 4 18 1281
171 5 29 1545
172 3 16 1208
173 4 18 1139
7 4 13 619
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                          112
                                                       3961
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مَا لَهُ صِن ذَافِعُ
يَوْمَ تَمُورُ ٱلسَّمَآءُ مَوْرًا
وَتْسِيرُ ٱلْحِبِالُ سِيْرًا
وَتْسِيرُ ٱلْحِبِالُ سِيْرًا
                                                     4742
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                            118
                                                      4747
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                                                                                                                                                                                                                            ٱلَّذِينَ هُمْ فِي خَوْضٍ يَلْعَبُونَ
                                                                                                                                                                                                                           البيال هم بي حوس يستبور
يَوْمَ يُدَغُونَ إِلَىٰ نَارِ جَهَنَمَ دَغًا
وَهُوَ بِأَلْأُفُقِ ٱلْأَغْلَىٰ
تُم دَنَا فَتَدَلًىٰ
تُم دَنَا فَتَدَلًىٰ
                                                                                                        13
                                                      4748
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18
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فَكَانَ قَابَ قَوْسَيْنِ أَوْ أَدْنَىٰ
فَأَوْضَىَ إِلَىٰ عَبْدِهِ ۚ مَاۤ أَوْخَىٰ
مَا كَنْبَ ٱلْفُوْادُ مَا رَأَىٰ
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وَلَقَدُ رَءَاٖهُ نَزْلَةً أُخْرَىٰ
                          125
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8
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ثُمُّ دَبَا فَتَدَلُيٰ

فَكَانَ قَابَ قَوْسَيْنِ أَوْ أَدْنَىٰ

فَأُوْحَىٰ إِلَىٰ عَبْدِهِ ۚ مَاۤ أَوْحَىٰ

مَا كَذَبَ ٱلْفُوْادُ مَا رَأَىٰ
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أَفَتُمُرُونَهُ ۚ عَلَىٰ مَا يَرَىٰ
وَلَقَدُ رَءَاهُ نَزْلَةً أُخْرَىٰ
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فَكَانَ قَابَ قَوْسَيْنِ أَوْ أَدْنَى
فَأَوْحَىَ إِلَىٰ عَبْدِهِ ۚ مَاۤ أَوْحَىٰ
مَا كَذَبَ ٱلْفُوْادُ مَا رَأَىٰ
أَفَتُمُرُونَهُ ۗ عَلَىٰ مَا يَرَىٰ
وَلَقَدُ رَءَاهُ نَزِلَةً أَخْرَىٰ
وَلَقَدُ رَءَاهُ نَزِلَةً أَخْرَىٰ
                           134
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عِندَهَا جَنَّةُ ٱلْمَأْوَىٰ
                           139
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مَا كَنَبَ ٱلْفُوَّادُ مَا رَأَى
                                                     4794
21
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عِندَهَا جَنَّةُ ٱلْمَأْوَىٰ
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إِذْ يَغْشَى ٱلسِّدْرَةَ مَا يَغْشَىٰ
                          147
                                                    4800
                                                                               53
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22
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وَلَقَدْ رَءَاهُ نَزْلَةً أُخْرَىٰ
                                                                               53
                                                     4796
                          149
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                                                       4797
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عِندَهَا جَنَّةُ ٱلْمُنتَهَىٰ
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مَا زَاغَ ٱلْبَصَرُ وَمَا طَعَىٰ
وَلَقَدُ رَءَاهُ نَزْلَةً أُخْرَىٰ
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عِندَهَا جَنَّةُ ٱلْمَأْوَىٰ
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                          158
                                                    4800
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                           159
                                                    4801
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أَقَرَءَيْتُمُ ٱللَّتَ وَٱلْخُبْرَىٰ
عِندَهَا جَنَّةُ ٱللَّتَ وَٱلْخُبْرَىٰ
عِندَهَا جَنَّةُ ٱلْمَأْوَىٰ
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                          163
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                                                                                                                                                                                                                            ِمَا زَاغَ ٱلْبَصَٰرُ وَمَا طَغَىٰ
ِمَا زَاغَ ٱلْبَصَٰرُ وَمَا طَغَیٰ
                                                    4801
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لَقَدُ رَأَىٰ مِنْ ءَ الْحِبَ رَبِّهِ ٱلْكُبْرَى
أَفَرَءَيْتُمُ ٱللَّهِ وَٱلْكُبْرَى
وَمَنَوْةً ٱلثَّالِثَةَ ٱلْأَخْرَى
''وَمَنَوْةً ٱلثَّالِثَةَ ٱلْأُخْرَى
''وَمَنَوْةً ٱلثَّالِثَةَ ٱلْأُخْرَى
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أَلْكُمُ ٱلذَّكَرُ وَلَهُ ٱلْأَنْتَىٰ
وَأَنَّ سَعْيَةُ اُ سَوْفَ يُرَىٰ
تُمَّ يُخِزَنهُ ٱلْجَزَآءَ ٱلْأُوْفَىٰ
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وَأَنَّ إِلَىٰ رَبِّكَ ٱلْمُنتَهَىٰ
وَأَنَّهُ هُوَ أَضْحَكَ هَأَهُ كَا
                                                                                                                                                            16 989
15 942
15 832
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                          171
                                                      4826
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                                                                                                                                                                                                                          و ان إلى ربد الملاهي و أن أن هُ هُ وَ أَضْحَكَ وَ أَبْكَىٰ وَ أَنْكُ لُهُ وَ أَضْحَكَ وَ أَبْكَىٰ وَ أَنْكُىٰ وَ أَنْكُ لُمُ وَ أَمَاتَ وَ أَخْيَا وَ أَنْتُىٰ وَ أَلَّا ثَمْنَ الذَّكَرَ وَ ٱلْأَنتُىٰ مِنْ لُطْفَةٍ إِذَا تُمْنَىٰ ثُطْفَةٍ إِذَا تُمْنَىٰ ثُطُفَةٍ إِذَا تُمُنَىٰ ثُمُ الْحُوْنَ اللّٰ الْوَقَىٰ اللّٰحُوْنَ أَوْلَالًا اللّٰحُوْنَ اللّٰحَالَ اللّٰحُوْنَ اللّٰحَالَ اللّٰمُ اللّٰحَالَ اللّٰحَالَ اللّٰحَالَ اللّٰحَالَ اللّٰحَالَ اللّٰمَالَ اللّٰحَالَ اللّٰمَالَقَ اللّٰمَ اللّٰمَ اللّٰمُ اللّٰمَ اللّٰمُ اللّٰمُ اللّٰمُ اللّٰمَ اللّٰمَ اللّٰمُ اللّٰمَ اللّٰمَ اللّٰمُ اللّٰمُ اللّٰمَ اللّٰمُ ال
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                           172
                                                       4827
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                                                                                                                                                                                         832
                            173
                                                     4828
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                          175
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                                                                                                                                                             19 951
16 989
15 942
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4
4
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26
                          176
                                                    4825
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                                                                                                                                                                                                                           وَ أَنَّ إِلَىٰ رَبِّكَ ٱلْمُنتَّهَىٰ
وَأَنَّ إِلَىٰ رَبِّكَ ٱلْمُنتَّهَىٰ
وَأَنَّهُ ۚ هُوَ أَضْحَكَ وَأَبْكَىٰ
                          177
                                                     4826
                                                                                 53
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                            178
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وَأَنَّهُ مُو أَمَاتَ وَأَحْيَا
           179
                      4828
                                  53
                                              44
                                                                      15
                                                                                  832
                                                                                                وانه هو امان واحيا
وَأَنَّهُ خَلَقَ ٱلرُّوْجَيْنِ ٱلدُّكَرَ وَٱلْأَنتُىٰ
مِن نُطْفَةٍ إِذَا تُمْتَىٰ
وَأَنَّ عَلَيْهِ ٱلنُّشُأَةَ ٱلْأُخْرَىٰ
                                                                     26
           180
                      4829
                                  5.3
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           181
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           182
                       4831
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                                                                                   1120
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27
           183
                       4826
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                                               42
                                                           4
                                                                                   989
                                                                                                وَ إِنَّ أَنْكُ أُهُوَ أُضْحَكَ وَأَبْكَىٰ
وَأَنَّهُ ٰ هُوَ أُضْحَكَ وَأَبْكَىٰ
وَأَنَّهُ ٰ هُوَ أَمَاتَ وَأَحْيَا
           184
                      4827
                                   53
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           185
                      4828
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                                              44
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                                                                                  832
                                                                                                وَأَنَّهُ ٰ خَلَقَ ٱلرُّوْجَيْنِ ٱلدُّكَرَ وَٱلْأَنتُىٰ
مِن نُطْفَةٍ إِذَا تُمْنَىٰ
وَأَنَّ عَلَيْهِ ٱلنُّشْأَةَ ٱلْأُخْرَىٰ
وَأَنَّ عَلَيْهِ ٱلنَّشَأَةَ ٱلْأُخْرَىٰ
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            188
                       4831
                                   53
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                                                           4
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                                                                                               وَ أَنَ عَلَيْهِ ٱلنَّشَأَةَ ٱلْأَخْرَىٰ

وَ أَنَّهُ ٰ هُوَ أَغْنَىٰ وَ أَقْنَىٰ

وَ أَنَّهُ ٰ هُوَ أَصْحَكَ وَ أَبْكَىٰ

وَ أَنَّهُ ٰ هُوَ أَصَاتَ وَ أَحْيَا

وَ أَنَّهُ ٰ خَلَقَ ٱلزَّوْجَيْنِ ٱلذَّكَرَ وَ ٱلأَنتَٰىٰ

مِن نُطفَةٍ إِذَا تُمْنَىٰ

وَ أَنَّهُ ٰ هُوَ أَغْنَىٰ وَ أَقْنَىٰ

وَ أَنَّهُ ٰ هُوَ أَغْنَىٰ وَ أَقْنَىٰ

وَ أَنَّهُ ٰ هُوَ أَمَاتَ وَ أَحْيَاٰ

وَ أَنَّهُ ٰ هُوَ أَمَاتَ وَ أَحْيَاٰ

وَ أَنَّهُ ٰ هُوَ أَمَاتَ وَ أَحْيَاٰ
                                                                     15
           189
                       4832
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                                                           4
                                                                                   1162
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           190
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29
           197
                                                                                                وابه هو اصات واحیا
وَأَنَّهُ مُ خَلَقَ ٱلزُّوْجَيْنِ ٱللَّكَرَ وَٱلْأَنْتُیٰ
مِن نُطْفَة إِذَا تُمْنَیٰ
وَأَنَّ عَلَیْهِ ٱلنَّشْأَةَ ٱلْأُخْرِیٰ
وَأَنَّهُ مُو أَغْنَیٰ وَأَقْنَیٰ
وَأَنَّهُ مُو أَغْنَیٰ وَأَقْنَیٰ
وَأَنَّهُ مُو رَبُّ ٱلشَّعْرَیٰ
                                                                     26
           198
                       4829
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            202
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                                                                                                وَأَنَّهُۚ ۗ ۗ أَهْلَكَ عِادُّا ٱلْأُولَىٰ
                       4834
                                                           4
                                                                                   1032
                                               50
           203
                                  53
                                                                                                وانه اهنت عاد، ،،وبی
وَأَنَهُ مُو أَغْنَیٰ وَأَقْنَیٰ
وَأَنَهُ مُو رَبُّ ٱلشَّعْرَیٰ
وَأَنَّهُ الْهَلَكَ عَادًا ٱلْأُولِیٰ
                       4832
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            204
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           205
                       4833
                                               49
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           206
                       4834
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                                                50
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                                                                      18
                                                                                  1032
            207
                       4835
                                                           3
                                                                     13
                                                                                 670
                                                                                                وَثَمُودَ ا فَمَآ إِ أَبْقَىٰ
                                  5.3
                                                51
                                                                                                 وَقَوْمَ نُوحُ مِّن قَبْلُ ۗ إِنَّهُمْ كَانُوا هُمْ أَظْلَمَ ۗ
                                                           9
                                                                                  2253
            208
                       4836
                                  53
                                                52
                                                                      32
وَ أَطْغَىٰ
                                                                                                وَ ٱلْمُؤْتَفِكَةَ أَهْوَىٰ
                                   53
                                                           2
            209
                       4837
                                               53
                                                                       13
                                                                                  949
                                                                                                ُ فَخَشَّىٰهَا مَا غَشَّىٰ
وَأَنَّهُ ُ هُوَ رَبُّ ٱلشَّعْرَىٰ
                                                           3
                                                                     11
                                                                                 695
           210
                      4838
                                  53
                                               54
31
           211
                       4833
                                  53
                                              49
                                                           4
                                                                      14
                                                                                 862
                                                                                               و أَنَّةُ لُ أَهْلَكَ عَادًا ٱلْأُولَىٰ
وَأَنَّةُ لُ أَهْلَكَ عَادًا ٱلْأُولَىٰ
وَثَمُودَ ا فَمَآ إِلْبِقَىٰ
           212
                       4834
                                   53
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                                                           4
                                                                      18
                                                                                 1032
            213
                       4835
                                   53
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                                                           3
                                                                       13
                                                                                  670
                                                                                                 وَقَوْمَ نُوحُ مِّن قَبْلُ ۗ إِنَّهُمْ ۚ كَانُوا هُمْ أَظْلُمَ ۗ
                       4836
                                  53
                                                52
                                                           9
                                                                       32
                                                                                   2253
            214
وَ أَطْغَىٰ
                                                                                949
                                                                                                وَ ٱلْمُؤْتَفِكَةَ أَهُوَىٰ
           215
                      4837
                                  53
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                                                           2
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                                                                                                فَغَشَّىٰ هَا مَا غَشَّىٰ
            216
                      4838
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                                                                                 695
                                                                      18
                                                                                 620
                                                                                                فَيِأًىُّ ءَالآءِ رَبُّكَ تَتَمَارَيَّ
                       4839
                                                55
            217
                                   53
                                                           4
                                                                                                لَبْسَ لَهَا مِن ذُونِ ٱللَّهِ كَاشِفَةٌ
أَفَمِنْ هٰذَا ٱلْحَدِيثِ تَعْجَبُونَ
32
            218
                       4842
                                   53
                                                58
                                                           6
                                                                       20
                                                                                   1381
            219
                       4843
                                   53
                                                59
                                                           4
                                                                       19
                                                                                   896
                                                                                                وَتَضْحَكُونَ وَلَا تَبْكُونَ
            220
                       4844
                                   53
                                                60
                                                           3
                                                                      15
                                                                                  922
                                                                                               وَانتُمْ سَٰمِدُونَ
وَأَنتُمْ سَٰمِدُونَ اللهِ وَاَعْبُدُوا اللهِ
فَاسْجُدُوا للهِ وَاَعْبُدُوا اللهِ
اَقْتَرَبَتِ السَّاعَةُ وَانشَقُ الْقَصَرُ
                       4845
                                   53
                                                            2
            221
                                                61
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                                                                                  641
                                   53
            222
                       4846
                                              62
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                       4847
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                                                                                   995
                                               1
            224
                       4848
                                  54
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                                                                                   1905
                                                                                                  وَإِن يَرَوْا ءَايَةً يُعْرِضُوا وَيَقُولُوا سِحْرُ
 مُسْتَمِ
33
                                                                                                أَفَمِنْ هَٰذَا ٱلْحَدِيثِ تَعْجَبُونَ
                                               59
           225
                      4843
                                   53
                                                           4
                                                                     19
                                                                                  896
                                                                                               وَتَضْحَكُونَ وَلا تَبْكُونَ
وَأَنتُمْ سَٰمِدُونَ
وَأَنتُمْ سَٰمِدُونَ
فَاسْجُدُواْ لللهِ وَأَعْبُدُواْ الْ
            226
                       4844
                                  53
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                       4845
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            227
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            228
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            229
                       4847
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                                                                                                ٱقْتَرَبَتِ ٱلسَّاعَةُ وَٱنشَقَّ ٱلْقَمَرُ
                                                            7
                                                                                                  وَإِن يَـرَوْا ءَايَةً يُعْرِضُوا وَيَقُولُوا سِحْرٌ
           230
                       4848
                                  54
                                                2
                                                                       32
                                                                                   1905
مُّسْتَمِرُّ
                                                                                                  وَكَذَّبُوا وَٱتَّبَعُوٓا أَهُوَآءَهُمْ ۚ وَكُلُّ أَمْرُ
            231
                       4849
                                   54
                                                3
                                                           6
                                                                       31
                                                                                  1609
 مُسْتَقَا
                                                                                                وَلَقَدُ أَهْلَكُنَآ أَشْيَاعَكُمْ فَهَلُ مِن مُّذَكِرٍْ
وَكُلُ شَيْءٍ فَعَلُوهٌ فِي الزَّبُرِ
وَكُلُ صَغِيرٍ وَكَييرٍ مُسْتَطَرُ
إِنَّ الْمُثَقِينَ فِي جَنْثٍ وَنَهَرٍ
فِي مَقَعَدِ صِدْقٍ عِندَ مَلِيلٍ مُقَتَّدٍرَ
34
            232
                       4897
                                   54
                                                51
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           233
                       4898
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            235
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            236
                       4901
                                   54
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                                                                                   1305
                                                                                                ٱلرَّحْمَٰنُّ
            237
                       4902
                                   55
                                               1
                                                           1
                                                                       6
                                                                                   313
                                                                                                عَلَّمَ ٱلْقُرُّءَ انَّ
                                                            2
                                                                                   520
           238
                       4903
                                   55
                                                2
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           239
                       4907
                                                                                   927
                                                                                                وَ ٱلنَّجْمُ وَ ٱلشَّجَٰرُ يَسْجُدَانٍ
35
                                   55
                                                           3
                                                                      18
                                                6
                                                                                               وَالسَّمَآءَ رَفَعَهَا وَوَضَعَ الْمِيزَانَ
الْلا تَطْغَوْا فِي الْمِيزَانِ
وَأَقِيمُوا الْوَزْنَ بِالْقِسْطِ وَلا تُحْسِرُوا
            240
                       4908
                                  55
                                             7
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                       4909
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            242
                       4910
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                                                                                  1838
ٱلْمِيزَانَ
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3 17 950
5 24 1394
4 20 1026
6 20 1102
                                                                                                وَ ٱلْأَرْضَ وَضَعَهَا لِلْأَنَامِ

فِيهَا فَٰكِهَةٌ وَ ٱلنَّحْلُ ذَاتُ ٱلْأَكْمَامِ

وَ ٱلْحَبُّ ذُو ٱلْحَسْفِ وَ ٱلرَّيْحَانُ

وَحَلَقَ ٱلْجَآنُ مِن مَّارِجْ مَّن نَّارُ

فَيَانً وَالْآءِ رَبُكُمَا تُكَذَّبانِ
                                          10
           243
                    4911 55
                   4912
           244
                                  5.5
                                          11
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           245
                      4913
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20
36
           246
                      4916
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4
4
4
                                             16
           247
                      4917
                                    55
                                                                                   683
                                                                      21
                                                                                 1165
                                                                                                رَبُّ ٱلْمِمَّسْرِقَيْنِ وَرَبُّ ٱلْمَغْرِبَيْنِ
           248
                      4918
                                   55
                                             17
                                                                     20 683
17 937
                                                                                                 فَيأًىٰ ءً الَّآءِ ۚ زَبَّكُمَا تُكَذَّبَانَ
           249
                     4919
                                  55
                                             18
                                                                     17
                                             19
                                                                                                 مَرَجَ ٱلْبَحْرَيْنِ يَلْتَقِيَانَ
           250
                      4920
                                  5.5
                                                         3
                                                                                                بَيْنَهُمَا بَرْزَحُ لَا يَبْغَيَانِ
فَياًئَ ءَالآءِ رَبِّكْمَا تُكَذِّبَانِ
                                              20
                                                         4
            251
                      4921
                                   55
                                                                     18 947
20 683
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            252
                       4922
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                                              18
                                                                                                 فَيِّأَىُّ ءَالآءِ زَبِّكُمَا تُكَذِّبَانَ
37
                                                                                                قيأَى الآهِ رَبَّكُمَا تُكَذَّبَانَ

مَرَجَ ٱلْبَحْرَيْنِ يَلْتَقْيَانِ

بَيْنَهُمَا بَرْزَجٌ لَا يَبْغِيَانِ

قيأَى الآهِ رَبَّكُمَا تُكذَّبَانِ

يَخْرُجُ مِنْهُمَا ٱللُّؤْلُؤُ وَٱلْمَرْجَانُ

قيأَى الآهِ رَبَّكُمَا تُكذَبَانِ

وَلَهُ ٱلْجَوَارِ ٱلْمُنشَاتُ اللَّوْلَوُ وَٱلْمَرْجَانُ

مَرَجَ ٱلْبَحْرِيْنِ يَلْتَقِيَانِ

مَرَجَ ٱلْبَحْرَيْنِ يَلْتَقِيَانِ

مَرَجَ ٱلْبَحْرَيْنِ يَلْتَقِيَانِ

مَرَجَ ٱلْبَحْرَيْنِ يَلْتَقِيَانِ

فيأَى الآهِ رَبُكُمَا تُكذَّبَانِ

يَخْرُجُ مِنْهُمَا ٱللَّوْلُوْ وَٱلْمَرْجَانُ

فيأَى الآه رَبُكُمَا تُكذَبانِ
           253
                      4919
                                    55
                                                                      17 937
                                                          3
           254
                      4920
                                    5.5
                                             19
                                                                      18
            255
                      4921
                                   55
                                             20
                                                          4
                                                                                 947
                                                                    20 683
23 1415
20 683
30 1543
17 937
                                                         4
4
4
6
                                                21
                      4922
            256
                                   55
                                    55
            257
                       4923
                                                22
            258
                      4924
                                    5.5
                                                23
                                             24
           259
                     4925
                                   55
           260
                    4920
                                  55
                                             19
                                                         3
38
                                                20
                                                         4
                      4921
                                  55
                                                                     18 947
           261
                                                         4
                                                                     20 683
23 1415
20 683
           262
                      4922
                                   55
                                               21
            263
                      4923
                                    55
                                                22
                                                           4
                                                          4
                                                                                                فَيِأَيٌّ ءَ الآءِ زِّبِّكُما تُكَذِّبًانِ
                                             23
           264
                      4924
                                  5.5
                                                                                                وَلَهُ ٱلْجَوَارِ ٱلْمُنشَاتُ فِي ٱلْبَحْرِ كَٱلْأَغْلُمِ

فَيأَى ۚ ٱلرَّّ ِ رَبَّكُمَا تُكَذَّبَانِ

فَيأَى ۚ ٱلآّ ِ رَبَّكُمَا تُكَذَّبَانِ

فِيهُمَا فَكِهَةً وَنَحْلُ وَرُمَّانُ

فَيأًى ۚ ٱلآّ ِ رَبِّكُمَا تُكَذَّبَانِ

فِيأًى ۚ ٱلآّ ِ رَبِّكُمَا تُكَذِّبَانِ

فِيأًى ۚ الآّ ِ رَبِّكُمَا تُكَذَّبَانِ

فَيأًى ۚ الآّ ِ رَبِّكُمَا تُكَذَّبُانِ
                                                         6
                                                                     30 1543
           265
                     4925
                                   5.5
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4
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3
           266
                    4926
                                  55
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                                                                     20 683
                                                                     18 1342
20 683
12 683
                                             68
                                  55
39
           267
                      4969
                                            69
                      4970
                                    55
            268
                      4971
                                    55
                                                70
           269
                                                                    12 683
20 683
17 965
20 683
22 1409
20 683
                                                          4
                                                                                                 فَيِأًىُّ ءَ الآءِ زُبِّكُمَا تُكَذِّبَانٍ ۗ
                                             71
           270
                      4972
                                   55
                                                                                                فياى ١ الا ؛ ربحما بحدب ب

حُورُ مُقْضُورُتُ فِى اَلْخِيَام

فَيأَى ۚ الآ ؛ رَبْكُمَا تُكَذَّبَانِ

لَمْ يَطْمِثُهُنَ إِنسٌ قَبْلَهُمْ وَلَا جَآنُ

فَيأًى ۚ الآ ؛ رَبِّكُمَا تُكَذَّبانِ

فَيأًى ۚ الآ ؛ رَبِّكُمَا تُكَذَّبانِ
            271
                      4973
                                   55
                                              72
                                                         4
                      4974
            272
                                    55
                                               7.3
                                                         4
                                                         6
            273
                      4975
                                    55
                                                74
40
            274
                      4970
                                    55
                                                69
                                                           4
                                                           3
                                                                                 683
           275
                      4971
                                                70
                                                                      12
                                                                                                 فِيهِنَّ خَيْرُتُ حِسَانُّ
                                   55
           276
                     4972
                                              71
                                                          4
                                                                                                 فَيِأًىُّ ءَ الآءِ ۖ زُبِّكُمَا ۖ تُكَذُّبَانٍّ
                                   55
                                                                      20 683
                                                                                                فياى ١٠٠٠ ربيس حصر. و
خُورٌ مُقْصُورُ فِي ٱلْخِيامِ
فَياأَى ءَالآءِ رَبُكُمَا تُكَذَّبَانِ
           277
                      4973
                                  55
                                             72
                                                          4
                                                                      17 965
                                                         4
6
4
4
5
                                                                     20 683
22 1409
20 683
                                  55
            278
                      4974
                                               73
                                                                                                لَمْ يَطْمَّتُهُنَّ إِنسٌ قُبْلَهُمْ وَلَا جَآنٌ
فَيأًيًّ ءَالآءِ رَبُّكُمَا تُكَذَّبَانٍ
            279
                      4975
                                   55
                                                74
                                             75
                                   55
           280
                      4976
                                             49
                                                                      20 1173
                      5028
                                  56
                                                                                                 قُلْ إِنَّ ٱلْأُوَّلِينَ ۗ وَٱلــ الخِرِينَ
41
           281
                                                                                                س إِن الاولِينِ والـ الجرين
لَمَجُمُوعُونَ إِلَىٰ مِيقَتِ يَوْمُ مَّعُلُومُ
ثُمَّ إِنْكُمْ أَيُّهَا الضَّلَّلُونَ الْمُكَذَّبُونَ
لـ اكِلُونَ مِن شَجَرٍ مَن زَقُومُ
فَمَالِ وَن مِنْهَا الْبُطُونَ
مَنْ مَنْ مَنْ مَنْ مَنْهَا الْبُطُونَ
           282
                      5029
                                  56
                                             50
                                                                     23 1826
                                                                     25 1471
                                                51
                                                         5
                       5030
                                  56
           283
                                                                                 1197
                                                                      18
16
            284
                        5031
                                    56
                                                52
                                                            5
                                                          3
            285
                        5032
                                    56
                                                53
                                                                                   1075
                                                          4
                                                                     18
                                                                                                 فَشَٰرِبُونَ عَلَيْهِ مِن ٱلْحَمِيم
                                  56
                                             54
                                                                                  1265
           286
                       5033
                                                                                                فشربون غليه من الخميم
فشربون شُرْبَ الهيم
لَمَجُمُوعُونَ إِلَىٰ ميقَّتِ يَوْمَ مَعْلُومُ
ثُمَّ إِنَّكُمْ أَيُّهَا الشَّالُونَ الْمُكَذَّبُونَ
لـ الجُلُونَ مِن شَجَرٍ مَن زقومُ
فَمَالِ وَنَ مِنْهَا البُطُونَ
فَمَالِ فَن مِنْهَا البُطُونَ
فَشَربُونَ عَلَيْهِ مِنَ الْجَمِيمِ
فَشْربُونَ عَلَيْهِ مِنَ الْجَمِيمِ
فَشْربُونَ عَلَيْهِ مِنَ الْجَمِيمِ
فَشْربُونَ عَلَيْهِ مِنَ الْجَمِيمِ
                                             55
                                                          3
                                                                                 799
           287
                      5034
                                  56
                                                                      1 4
                                             50
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42
           288
                      5029
                                  56
                                                                     23 1826
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                                                                              1471
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5
3
4
                                            51
52
           289
                       5030
                                   56
            290
                        5031
                                   56
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                                             53
                                                                     16 1075
18 1265
                                   56
           291
                      5032
                                             54
           292
                      5033
                                  56
                                                                     14 799
            293
                      5034 56
                                             55
                                                         3
                                             56
           294
                       5035 56
                                                         4
                                                                     16 1134
                                                                                                 هدا بربهم يوم الحيبِ
وَلَقَدْ عَلِمْتُمُ ٱلنَّشُأَةَ ٱِلْأُولَىٰ فَلَوْلَا تَذَكَّرُونَ
وَلَقَدْ عَلِمْتُمُ ٱلنَّشُأَةَ الْأُولَىٰ فَلَوْلَا تَذَكَّرُونَ
                                                                                 1989
                                             62
                                                          6
                                                                     32
15
43
           295
                        5041
                                   56
                                                                                                 أَفَرَءَيْتُم مِّا تَجْرُثُونَ
            296
                        5042
                                    56
                                                63
                                                            3
                                                                                   649
                                                                                                 تربيت ــ ــريدي
وَ أَنتُمْ تَزْرَعُونَةٌ ۗ أَمْ نَحْنُ ٱلزَّرِعُونَ
لَوْ نَشَآهُ لَجَعَلْنُهُ خُطُمًا فَظَيْتُمْ تِفَكُهُونَ
                                  56
                                             64
                                                          5
                                                                                 1325
                                                                      24
           297
                       5043
                                             65
                                                                      27
                                                                                 1683
            298
                        5044
                                  56
                                                          6
                                             66
                                                                                                 إنًا للمُغْرَمُونَ
                                  56
                                                                      10 658
            299
                       5045
                                                           2
                                                          3
                                             67
                                                                                  816
                                                                                                 بَلْ نَبِحْنُ مَحْرُومُونَ
            300
                       5046
                                   56
                                                                       12
                                                                                                أَفَرَءَيْتُمُ ٱلْمَاءَ ٱلَّذِى تَشُرَّبُونَ
وَلَا يَسْتَثُنُونَ
                        5047
                                    56
                                               68
                                                            4
                                                                        22
                                                                                   974
            301
                                                           2
                                            18
                                                                                 641
                                                                      10
                        5289
44
           302
                                  68
                                             19
                                                            7
                                                                                 1869
                                                                                                 فَطَافَ عَلَيْهَا طَآئِفٌ مِّن رَّبِّكَ وَهُمْ ۖ نِآئِمُونَ
            303
                        5290
                                  68
                                                                      27
                                                                                                 فَأَصْنَفَتْ كَٱلصَّرِيم
                                                                     13
            304
                        5291 68
                                             2.0
                                                          2
                                                                                 569
                                                                     13
                                                          2
                                                                                  651
            305
                       5292 68
                                                21
                                                                                                 فَتَنَادَوْا مُصْبِحِينَ
                                                                                                أَنِ ٱغْدُواْ عَلَىٰ حَرْثِكُمْ إِن كُنْتُمْ صٰٰرَمَيْنَ
فَٱنطَلِقُواْ وَهُمْ يَتَخْفَثُونَ
                                                                     26
18
                                                                                 1494
1182
                                                            7
            306
                        5293
                                   68
                                                22
                                                           3
            307
                        5294
                                   68
                                                23
                      5295
                                             24
                                                          6
                                                                     26
                                                                                  1822
                                                                                                 أَن لًا يَدْخُلَنَّهَا ٱلْيَوّْمَ عَلَيْكُم مَّسْكِيَّنّْ
            308
                                  68
                                                                                                 فَأْصْبَحَتْ كَٰٱلصَّرِيمِ
45
           309
                      5291 68
                                             20
                                                          2
                                                                      13
                                                                                  569
                                             21
                                                          2
7
3
                                                                      13
                                                                                  651
                      5292 68
                                                                                                فَتَنَادَوْا مُصْبِحِينَ
            310
                                  68
                                            22
23
                                                                     26 1494
18 1182
                                                                                                أَنِ ٱغْدُوا عَلَىٰ حَرْثِكُمْ إِن كُنتُمْ صُرِمِينَ
            311
                       5293
                                                                                                فَأُنطَلَقُواً وَهُمْ يَتَخَٰفَتُونَ
            312
                        5294
                                  68
                                                                                   1182
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313
                    5295 68
                                               24 6 26
                                                                                      1822
                                                                                                      أَن لَّا يَدْخُلَنَّهَا ٱلْيَوْمَ عَلَيْكُم مِّسْكِينُّ
                                                                                                     رَ يَدَ حَدَهُمُ مَيْكُمُ مُنْكُمُ مُنْذُونًا عَلَىٰ حَرُدُ قَلْدِرِينَ
فَلَمًا رَأُوْهَا قَالُوٓاْ إِنَّا لَضَآلُونَ
وَأَمًا مَنْ أُوتِىَ كِتَٰبَهُ مُ بِشِمَالِهِ ۚ فَيَقُولُ

      25
      4
      16
      931

      26
      5
      23
      1261

            314 5296 68
            315
                       5297
                                    68
                                                              10
46
           316
                         5348
                                    69
                                                  25
                                                                           41
                                                                                         2626
يٰلَيْتَنِى لَمْ أُوتَ كِتَٰييَهُ
يُلَيْتَنِى لَمْ أُوتَ كِتَٰييَهُ
317 5349
                                              26
27
                                                            4 14 679
3 17 1003
4 14 1011
                                   69
                                                                                                      وَلَمْ أَدْرِ مَا حِسَابِيَهُ
                                                                                                      لَيُّتَهَا كَأُنَتِ ٱلْقَاشِيَةَ
مَآ أُغْنَىٰ عَثِى مَالِيَهُ ّ
            318
                         5350 69
                                               28
                        5351 69
                                                                         14 1011
            319
                                              29
            320
                        5352 69
                                                             3
2
                                                                         12 1006
9 669
                                                                                                      هَلَكَ عَنِّي سُلْطُنِيَهُ
                                                                                                      خُذُوهُ فَغُلِّوهُ
            321
                         5353
                                     69
                                                  30
                                                               3
                                                                                                      ثُمَّ ٱلْجَحِيمَ صَلُوهُ
ثُمَّ لَقَطَعْنِا مِنْهُ ٱلْوَتِينَ
                                                                         12
            322
                         5354
                                    69
                                                  31
                                                                                         731
                                                             4
                                                                         17
47
            323
                         5369
                                 69
                                                46
                                                                                      1149
                                                                                                     تَمْ لَقَطَعَنَا مِنَةَ الْوَتِينَ

فَمَا مِنكُم مُنُ أَحَدٍ عَنْهُ خُجِزِينَ

وَإِنَّهُ لَتَذْكِرَةً لَلْمُتَّقِينَ

وَإِنَّهُ لَنَعْلَمُ أَنَّ مِنكُم مُكَذَّبِينَ

وَإِنَّهُ لَحَسْرَةً عَلَى ٱلْكُفِرِينَ

وَإِنَّهُ لَخَقُ ٱلْيُقِينِ

فَسَبَعْ بِاسْمِ رَبِّكَ ٱلْيَقِينِ

فَسَبَعْ بِاسْمِ رَبِّكَ ٱلْيَقِينِ
                                                            4
6
3
5
4
3
4
6
            324
                        5370 69
                                                47
                                                                         20
                                                                                      1254
                                                                         17
                                              48
49
50
                                                                                     1160
            325
                        5371 69
                                                                                  1468
1285
                                    69
            326
                         5372
                                                                           21
                                                                         19
            327
                         5373
                                    69
                                               51
                                                                         13
                                                                                      941
            328
                        5374
                                    69
            329
                        5375 69
                                               52
                                                                         17
                                                                                      767
                                                                                                     قسبح ياسم ربك العظيم

فَمَا مِنكُم مَّنْ أَخَهِ عَنْهُ خُجِزِينَ

وَإِنَّهُ لَنَدْكِرَةً لَلْمُتَّقِينَ

وَإِنَّا لَنَعْلَمُ أَنَّ مِنكُم مُكَذَّبِينَ

وَإِنَّهُ لَخَسْرَةً عَلَى اَلْكُفِرِينَ

وَإِنَّهُ لَخَشْرَةً عَلَى اَلْكُفِرِينَ

وَإِنَّهُ لَخِقٌ أَلْيَقِينِ
                                                                         20 1254
                                               47
                        5370 69
48
            330
                                                                                      1160
                                               48
49
                                                             3
5
                                                                         17
21
            331
                         5371
                                    69
            332
                         5372
                                     69
                                                                                        1468
                                               50
                                                             4
                                                                         19
                                                                                      1285
                         5373
                                    69
            333
                       5374 69
                                                             3
            334
                                               51
                                                                         13
                                                                                      941
                                                                                                      فَسَنُحْ بَالَسُم رَبِّكَ ٱلْخَظْيم
سَأَلَ سَآئِلٌ بِعَذَابٌ وَاقِعْ
وَلَا يَسْا لُ حَمِيمٌ حَمِيمُا
يُبَصَّرُونَهُمْ ۚ يَوَدُّ ٱلْمُجْرِمُ لَوْ يَفْتَدِى مِنْ
            335
                       5375
                                    69
                                               52
                                                             4
                                                                         17
                                                                                      767
                                                                        16
15
                                             1
10
11
                                                             4
4
9
                                                                                      682
                        5376
                                     70
            336
            337
                                      70
49
                         5385
                                                                                         1013
                                     70
            338
                         5386
                                                                           40
                                                                                        2614
عَذَ ابِ يَوْمِئِذٍ بِبَنِيهِ
                                                                                                      وَصَٰجِبَتِهِ ۗ وَأَخِيهِ
وَفَصِيلَتِهِ ٱلۡتِي تُـ وِيهِ
وَمَن فِي ٱلۡأَرْضِ جَمِيعًا ثُمُ يُنجِيهِ
كَلَّا ۖ إِنَّهَا لَطَي
ثَنَّا إِنَّهَا لَطَي
                                              12 2 11 598
13 3 15 1026
14 6 22 1419
15 3 10 615
            339
                         5387
                                     70
            340
                         5388
                                    70
            341
                         5389
                                     70
            342
                         5390
                                     70
                                                  15
                                                               3
                                                                           10
                                                                                        615
                                                                                                      نزَاعَةً لَلشُوَىٰ
                                                               2
                                                                         10
                                                                                       709
                                     70
                                                16
            343
                       5391
                                                             9
                                                                                                      يُبَصَّرُونَهُمْ ۚ يَوَدُّ ٱلْمُجْرِمُ لَوْ يَفْتَّدِى مِنْ
           344
                       5386
                                    70
                                                11
                                                                          40
                                                                                       2614
عَذَابِ يَوْمِئِذٍ بِبَنِيهِ
                                                         2 11 598
3 15 1026
6 22 1419
                                                                                                      وَصَٰجِبَتِهِ ۗ وَأَخِيهِ
وَفَصِيلَتِهِ ٱلُّتِي ثُـ وِيهِ
وَمَن فِي ٱلْأَرْضِ جَمِيعًا ثُمَّ يُنجِيهِ
كَلَّا ۗ إِنَّهَا لَظَيْ
                                              12
13
14
            345
                        5387
                                     70
            346
                         5388
                                     70
                       5389
                                     70
            347
                                               15
                                                               3
                                                                                      615
            348
                      5390
                                    70
                                                                         10
                                                                                                     كلا إنها لطن
نَزُاعَةً لَلشُوَىٰ
تَدْعُواٰ مَنْ أَذْبَرَ وَتَوَلَّىٰ
إِلّا ٱلْمُصَلِّينَ
يَا الْمُصَلِّينَ
                                                              2
4
                                                                         10
            349
                       5391
                                    70
                                               16
                                                                                      709
                                                17
                                                                         16
                                                                                      830
                         5392
                                     70
            350
                                                                         10
                                                               2
5
51
            351
                         5397
                                     70
                                                  22
                                                                                        591
                                                                                                     النبين هُمْ عَلَىٰ صَلَاتِهِمْ دَ آئِمُونَ
وَ النَّذِينَ هُمْ عَلَىٰ صَلَاتِهِمْ حَقَّ مَعْلُومُ
لَلسَّآئِلُ وَٱلْمَحْرُومِ
لَلسَّآئِلُ وَٱلْمَحْرُومِ
            352
                         5398
                                      70
                                                  23
                                                                            22
                                                                                        1493
                                                             5
                                                                         21
            353
                        5399
                                     70
                                                24
                                                                                      1571
            354
                                     70
                                                25
                                                             2
                                                                                      906
                        5400
                                                                         14
                                                                                                     للسَانِل وَالمحروم
وَ اللَّذِينَ يُصَدِّقُونَ بِيَوْمِ اللَّينِ
وَ اللَّذِينَ هُم مَّنْ عَذَابِ رَبَّهِمْ مُّشْفِقُونَ
إِنَّ عَذَابِ رَبَّهِمْ غَيْرُ مَأْمُونَ
لِمَن شَآهَ مِنكُمْ أَن يَتْقَلِّمَ أَوْ يَتَأْخُرُ
كُلُّ نَفْسٍ بِمَا كَسَبَتْ رَهِينَةً
لِلَا أَصْخَبَ الْيَمِينِ
إِلَّا أَصْخَبَ الْيَمِينِ
                                               26
                                                                         21
            355
                        5401
                                     70
                                                             4
                                                                                      1467
                                                            6
5
7
5
3
                                                                         24
                                              27
28
37
                                                                                      1576
993
            356
                        5402
                                     70
            357
                         5403
                                     70
                                                                           18
                                                                                     1324
                                                                         24
                                     74
52
            358
                        5532
                                               38
                                                                         17 1020
            359
                        5533
                                    74
            360
                        5534
                                    74
                                               39
                                                                         13 633
                                                                         13
                                                                                                      نِي جَنُٰتٍ يَتَسَآ ۚ لَونَ
غِنِ ٱلْمُجْرِمِينَ
عَنِ ٱلْمُجْرِمِينَ
                                               40
            361
                         5535
                                     74
                                                             3
                                                                                      726
                                                                         10
                                                              2
            362
                         5536
                                     74
                                                 41
                                                                                        665
                                                                                                      مَا سَلَكَٰكُمْ فِي سَقَّرَ
قِالُوا لِمْ نِكُ مِنَ ٱلْمُصَلِّينَ
            363
                         5537
                                      74
                                                 42
                                                               4
                                                                           12
                                                                                         775
                                                               5
                                     74
                                                                         18
                                                                                      1301
            364
                         5538
                                                4.3
                                                                                                     __و حم حد من المسلمين
قَالُواْ لَمْ نَكُ مِنَ الْمُصَلَّينَ
وَلَمْ نَكُ ثُطْعِمُ الْمُسْكِينَ
وَكُتًا نَخُونُ مَعَ الْخَاْنِضِينَ
                                     74
                                                                         18 1301
53
            365
                         5538
                                                4.3
                                                               5
                                               44
            366
                         5539
                                     74
                                                              4
                                                                          16 1245
                                                              4
                                               45
                                                                          18
                                                                                      1157
            367
                         5540
                                     74
                                                                                                     وَحَدَّا نُكَذَّبُ بِيَوْمِ ٱللَّينِ
وَكُنَّا نُكَذَّبُ بِيَوْمِ ٱللَّينِ
حَتَّى أَتَىٰنَا ٱلْمِيْقِينُ
فَمَا تَنفَعُهُمْ شَفْعَةُ ٱلشَّفِعِينِ
                         5541
                                      74
                                                  46
                                                               4
                                                                           17
                                                                                        1093
            368
                                                              3
                                                                                     807
                                                                          14
                         5542
            369
                                     74
                                                47
            370
                         5543
                                     74
                                                48
                                                              4
                                                                          20
                                                                                      1322
                                                                                                     قَمَا تَنفَعُهُمْ شَفَعَه السَّعِينِ

قَمَا لَهُمْ عَنِ ٱلتَّذْكِرَةِ مُعْرِضِينَ

وَلاَ أَقْسِمُ بِالنَّفْسِ ٱللَّوَّامَةِ

أَيحُسَبُ ٱلْإِنسُنُ أَلُن نَجْمَعَ عِظَامَهُ 

بَلَىٰ قَٰدِرِينَ عَلَىۤ أَن نُسَوَّى بَنَانَهُ 

بَلْ يُرِيثُ عَلَىۤ أَن نُسَوَّى بَنَانَهُ 

بَلْ يُرِيدُ ٱلْإِنسٰنُ لِيَفْجُرَ أَمَامَهُ 

يَسْ لَلْ أَيْانَ يَوْمُ ٱلْقِيْمَةِ

ذَاذَا يَرْهَ، أَلُونَمُهُ أَلْكَانَ مَاهُ الْقَيْمَةِ
                                                              5
            371
                         5544
                                     74
                                                49
                                                                          21
                                                                                      1345
                                                              4
54
            372
                         5553
                                     75
                                                  2
                                                                         20
                                                                                      1145
                                                                         23
22
                                                               5
            373
                         5554
                                     75
                                                  3
                                                                                        1232
                                                                                     1512
                                      75
            374
                         5555
                                                  4
                                                               6
            375
                        5556
                                     75
                                                              5
                                                                         22
                                                                                      1250
                                                5
            376
                        5557
                                     75
                                                                         16
                                                                                      1189
                                                                        12
9
15
                                                                                                     فَإِذَا بَرِقَ ٱلْبَصَرُ
وَحَسَفَ ٱلْقَصَرُ
                                               7
8
9
                                     75
                                                             3
                                                                                      363
            377
                         5558
                                                             2
            378
                        5559
                                     75
                                                                                        504
                                                                                                      وَجُمِعَ ٱلشَّمْسُ وَٱلْقَمَرُ
55
            379
                         5560
                                     75
                                                                                        895
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يَقُولُ ٱلْإِنسَٰنُ يَوْمَئِذٍ أَيْنَِ ٱلْمَفَرُ
                                                 10
             380
                          5561
                                        75
                                                                             23
                                                                                           1593
                                                                                                           __ر ، م سس يومبد اين المُفرَ

كلًا لا وَزَرَ

إلَىٰ رَبَّكَ يَوْمَئِذِ الْمُسْتُقَرُ

يُنبُوُٰا اَلإِنسُنُ يَوْمَئِذِ بِمَا قَلُمَ وَأَخْرَ

بَلِ الإِنسُنُ عَلَّىٰ نَفْسِهِ * بَصِيرَةً

وَلَوْ أَلْقَىٰ مَعَاذِيرَهُ 

هٰذَا يَوْمُ لا يَنطِقُونَ

وَلا لُهُذَا يَوْمُ لا يَنطِقُونَ
                                                                                         412
                                                                 3 8
4 18
6 26
5 20
                                                11
             381
                         5562
                                       75
                                                                                          1050
                                                  12
             382
                          5563
                                        75
             383
                           5564
                                        75
                                                     13
                                                                                             1485
                                                                                           1244
                                                   14
             384
                          5565
                                        75
                                                                3
4
4
                                                                             14
                                                                                          966
            385
                          5566
                                        75
                                                   15
56
                          5657
                                        77
                                                     35
                                                                             14 1040
            386
                                                                                                           هَذَا يَوْمُ لَا يَنطِقُونَ
وَلا يُؤْذَنُ لَهُمْ فَيَعُنْذِرُونَ
وَيُلٍّ يَوْمَئِذٍ لَلْمُكَذَّبِينَ
هٰذَا يَوْمُ ٱلْعَصْلِ جَمَعْنَٰكُمْ وَٱلْأَوْلِينَ
فَإِن كَانَ لَكُمْ كَيْدٌ فَكِيدُونِ
وَيُلٌ يَوْمَئِذٍ لَلْمُكَذَّبِينَ
إِنَّ ٱلْمُتَّقِينَ فِي ظِلْلٍ وَعُيُونٍ
فَإِن كَانَ لَكُمْ كَيْدٌ فَكِيدُونِ
فَإِن كَانَ لَكُمْ كَيْدٌ فَكِيدُونِ
وَيْلٌ يَوْمَئِذٍ لَلْمُكَذَّبِينَ
وَيْلٌ يَوْمَئِذٍ لَلْمُكَذَّبِينَ
إِنَّ ٱلْمُتَقَيِنَ فِي طَلْلً هَعُدُونِ
                                        77
                          5658
                                                     36
                                                                              18 1287
             387
                                                                  3
             388
                          5659
                                        77
                                                     37
                                                                              16 1286
             389
                          5660
                                        77
                                                     38
                                                                   5
                                                                                25
                                                                                             1713
                                                                                           1280
                                        77
                                                                              18
             390
                          5661
                                                     39
                                                                   5
                                        77
                                                                                          1286
             391
                          5662
                                                  40
                                                                   3
                                                                              16
                                        77
             392
                          5663
                                                  41
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                                                                                          1429
                                                                  5
             393
57
                          5661
                                        77
                                                     39
                                                                              18 1280
                                                  40
41
                                                                                          1286
1429
                                        77
                                                                   3
             394
                          5662
                                                                  პ
5
                                                                                16
                                                                                                           ويا يومند للمَكذيين
إنَّ ٱلمُتَّقِينَ فِي ظِلْلَ وَعُبُونَ
وَفَوْكِهَ مِمَّا يَشْتَهُونَ
كُلُوا وَٱشْرَبُوا هَنِيَّا المِمَا كُنتُمْ تَعْمَلُونَ
إنَّا كَذْبِكَ نَجْزِي ٱلْمُحْسِنِينَ
وَيْلٌ يَوْمَئِذُ لَلْمُكَذَّبِينَ
وَيْلٌ يَوْمَئِذُ لَلْمُكَذَّبِينَ
وَيْلٌ يَوْمَئِذُ لَلْمُكَذَّبِينَ
                                                                              19
                                        77
             395
                          5663
                                                                  3
                                        77
                                                                              14 1091
             396
                          5664
                                                  42
             397
                          5665
                                        77
                                                  43
                                                                 6
                                                                              28 1659
                                        77
                          5666
                                                    44
                                                                 4
                                                                             19 1136
             398
                                                                             16
                                                                                          1286
                                                                  3
             399
                          5667
                                        77
                                                    45
58
             400
                          5662
                                        77
                                                     40
                                                                   3
                                                                                16
                                                                                             1286
                                                                  5
                                                                                           1429
                                                                                                            إِنَّ ٱلْمُتَّقِّينَ ۖ فِي طِلْلٍ وَعُيُونَ ۗ
                                        77
                                                                              19
                          5663
                                                                                                           إِنَّ ٱلْمُثَّقِٰينَ فِي ظِلْلٍ وَعُيُونَ
وَفَوٰكِهَ مِمًا يَشْتَهُونَ
الْسَرَبُوا هَنِيَّا أَا بِيمَا كُنتُمْ تَعْمَلُونَ
إِنَّا كَذَٰلِكَ نَجْزِي ٱلْمُحْسِنِينَ
وَيُلٍّ يَوْمَئِذٍ لَلُمُكَذِّبِينَ
كُلُوا وَتَمَتَّعُوا قَلِيلًا إِنَّكُم مُّجْرِمُونَ
إِنَّ ٱلْمُثَقِينَ فِي ظِلْلٍ وَعُيُونٍ
وَفَوٰكِهَ مِمًا يَشْتَهُونَ
كُلُوا وَٱشْرَبُوا هَنِيَّا أَا بِيمَا كُنتُمْ تَعْمَلُونَ
إِنَّا كَذَٰلِكَ نَجْزِي ٱلْمُحْسِنِينَ
وَيُلٍّ يَوْمَئِذٍ لَلْمُحَدِّينِ
وَيُلٍّ يَوْمَئِذٍ لَلْمُكَذَّبِينَ
            401
                                                    41
                                        77
             402
                          5664
                                                   42
                                                                   3
                                                                              14
                                                                                           1091
             403
                          5665
                                        77
                                                  43
                                                                 6
                                                                              28
                                                                                          1659
                                                                 4
3
5
                                                                              19 1136
                          5666
                                        77
             404
                                                    44
                                                                             16 1286
26 1668
19 1429
             405
                                        77
                                                    45
                          5667
                                        77
             406
                          5668
                                                    46
                                                                  5
                                        77
59
            407
                          5663
                                                   41
                                                                             14 1091
28 1659
             408
                          5664
                                        77
                                                    42
                                                                   3
                          5665
                                        77
                                                                 6
             409
                                                    43
                                                                             19
                                                                 4
                                                                                          1136
1286
             410
                          5666
                                        77
                                                    44
                                        77
             411
                          5667
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                                                                  5
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                                        77
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             412
                          5668
                                                   46
                                        77
            413
                          5669
                                                  47
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                                                                              16
                                                                                          1286
                                                  12
60
           414
                          5684
                                       78
                                                                 4
                                                                              20 1010
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14
15
                                                                 3
                                                                                                           وبعيث توقيم سبب سداءً
وَجَعَلْنَا سِرَاجًا وَهَاجًا
وَأَنزَلْنَا مِنَ ٱلْمُعْصِرَٰتِ مَاءً ثَجًاجًا
لَنُخْرِجَ بِهِ * حَبًا وَنَبَاتًا
وَجَنْتٍ أَلْقَاقًا
            415
                          5685
                                        78
                                                                              16 657
                          5686
                                        78
                                                                  5
                                                                                24
                                                                                             1038
             416
                                                                 5
4
2
5
                                                                                           571
                                                                              16
                                        78
             417
                          5687
                                                 16
17
                          5688
                                       78
                                                                              10
                                                                                           447
             418
                                                                                                            إِنَّ يَـوُمَ ٱلْفَصْلُ كَانَ مِيقَٰئًا
يَـوُمَ يُنفَخُ فِى ٱلصُّورِ فَتَأْتُونَ أَفْوَاجًا
                                                                             18
             419
                          5689
                                       78
                                                                                          1134
                                                  18
                          5690
                                       78
                                                                 6
             420
                                                                             26 1503
                                                                                                           يبعي جي المحسود للعالم المراجِّا وَهَاجًا
وَأَنزَلْنَا مِنَ ٱلْمُعْمِرْتِ مَاءً ثَجًاجًا
لَلُخْرِجَ يهِ * حَبًّا وَنَبَاتًا
وَجَنَّا وَنَبَاتًا
وَجَنَّا أَلْفَافًا
61
            421
                          5685
                                        78
                                                     13
                                                                   3
                                                                               16
                                                                                             657
             422
                          5686
                                        78
                                                     14
                                                                   5
                                                                                24
                                                                                             1038
                                                                 4
             423
                                       78
                                                  15
                                                                                            571
                          5687
                                                                              16
             424
                                       78
                                                                   2
                          5688
                                                  16
                                                                              10
                                                                                            447
                                                                                                           وجند الغافا
إِنَّ يَوْمَ الْفَصْلِ كَانَ مِيقَّبًا
يَوْمَ يُنفَخُ فِي الصُّورِ فَتَأْثُونَ أَفْوَاجًا
وَفُتِحْتِ السَّمَاءُ فَكَانَتْ أَبُوبًا
لَنُخْرِجَ بِهِ * حَبًّا وَنَبَاتًا
لَنُخْرِجَ بِهِ * حَبًّا وَنَبَاتًا
وَجَنْتِ الْفَافَا
                                                  17
                                                                 5
                                                                              18
             425
                          5689
                                       78
                                                                                           1134
                                                 18
19
15
                                                                6
4
4
             426
                          5690
                                        78
                                                                                26
                                                                                             1503
             427
                          5691
                                        78
                                                                                21
                                                                                              778
                                        78
                                                                                           571
                                                                              16
62
            428
                          5687
                                                                  2
                                                  16
            429
                          5688
                                       78
                                                                              10
                                                                                            447
                                                                                                            إِنَّ يَوْمَ ٱلْفَصْلِ كَانَ مِيقَٰبًا
يَوْمَ يُنفَخُ فِي ٱلصُّورِ فَتَأْثُونَ أَفُواجِبًا
                                                                                          1134
             430
                          5689
                                       78
                                                  17
                                                                 5
                                                                              18
             431
                          5690
                                       78
                                                    18
                                                                 6
                                                                                26 1503
                                                                                                            وَفُتِحَتِ ٱلسُّمَّاءُ فَكَانَتْ أَبْوُبَا
                                        78
                                                     19
                                                                                              778
             432
                          5691
                                                                 4
                                                                                21
             433
                          5692
                                        78
                                                     20
                                                                  4
                                                                                21
                                                                                              792
                                                                                                            وَسُيِّرَتِ ٱلْجِبَالُ فَكَانَتْ سَرَابًا
                                                                                                           وسيرح
إِنَّ جَهَنَّمَ كَانَتُ مِرْصَادًا
يَوْمَ يُنفَخُ فِي أُلصُّورٍ فَتَأْتُونَ أُفْوَاجًا
وَفُتِحْتِ ٱلسَّمَآءُ فَكَانَتُ أَبُونَا
                                                                  4
                                       78
                                                                                             764
             434
                          5693
                                                     21
                                                                               16
                                       78
                                                   18
                                                                                26
                                                                                            1503
63
             435
                          5690
                                                                   6
                                                  19
             436
                          5691
                                       78
                                                                  4
                                                                                21
                                                                                              778
                                                                  4
                                                                                                            وَّسُيِّرَتِ ٱلْجِبَالُ فَكَانَتْ سَرَابًا
             437
                          5692
                                        78
                                                     20
                                                                                21
                                                                                              792
                                                                                                           إِنَّ جَهَنَمَ كَانَتُ مِرْضَادُا
للطُّغِينَ مَـ اليَّا
لُيثِينَ فِيهَآ أَحْقَابُا
                          5693
                                        78
                                                     21
                                                                   4
                                                                                16
                                                                                              764
             438
                                        78
                                                                                             586
                          5694
                                                     22
                                                                   2
             439
                                                                                1.0
                                                                   3
             440
                          5695
                                       78
                                                     23
                                                                               15
                                                                                            673
                                                                                                           تيبين فيها الحقابا
لاَ يَذُوقُونَ فِيهَا بَرُدُا وَلاَ شَرَابًا
إِذْ نَادَتُهُ رَبُّهُ ُ بِالْوَادِ ٱلْمُقَدَّسِ طُوًى
اَذْهَبُ إِلَىٰ فِرْعَوْنَ إِنَّهُ ُ طَغَىٰ
فَقُلُ هَل لَكَ إِلَىٰ أَن تَرَكُىٰ
وَقُلُ هَل لَكَ إِلَىٰ أَن تَرَكُىٰ
وَأُهْدِيَكُ إِلَىٰ رَبِّكَ فَتَخْشَىٰ
             441
                          5696
                                       78
                                                     24
                                                                 6
                                                                              24
                                                                                           1190
                                                                             25
                                                                                          1262
            442
                          5728
                                       79
                                                     16
                                                                 6
64
                                                                 5
                                                                                          1109
1086
                                        79
                                                     17
             443
                          5729
                                                                               18
                                                                              16
                                        79
             444
                          5730
                                                     18
                                                                   6
                          5731
                                       79
                                                                 4
                                                                             17
                                                                                           955
             445
                                                   19
                                                                                                            فَأَرَاٰهُ ٱللّٰءَ ايَّةَ ٱلْكُبْرَىٰ
             446
                          5732
                                       79
                                                     20
                                                                 3
                                                                              17
                                                                                            909
                                                                                                           قُكَذَّبَ وَغَصَيٰ
                                                                              8
                                                     21
                                                                  2
             447
                          5733
                                       79
                                                                                            490
                                                 22
                                                                  3
                                                                             10
10
                                                                                            461
                                                                                                           ثُمَّ أِدْبَرَ يَسْعَىٰ
             448
                          5734
                                       79
                                                                                                           ثُمُّ أَدْبَرَ يَسْعَىٰ
65
             449
                          5734
                                       79
                                                     22
                                                                                            461
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فَحَشَرَ فَنَادَىٰ
فَقَالَ أَنَا رَبُّكُمُ ٱلْأَعْلَىٰ
فَأَخَذَهُ إَللَّهُ نَكَإِلَ ٱلِـ الْحِرَةِ وَٱلْأُولَىٰ
               450
                              5735
                                             79
                                                              23
                                                                              2
                                                                                                            450
                                                                             4
                                                                                          17
                                                                                                          868
               4.5.1
                             5736
                                             79
                                                              2.4
                                                                              5
                                                                                                          1462
               452
                              5737
                                              79
                                                              25
                                                                                             2.7
                                                                                                                              إِنَّ فِي ذَٰلِكَ لَعِبْرَةٍ ۖ لَٰمَنَ يَخْشَىٰ
وَأَنتُمْ أَشَدُ خَلْقًا أَمِ ٱلسَّمَآءُ ۚ بَنَيْهَا
                453
                               5738
                                               79
                                                              26
                                                                              6
                                                                                             19
                                                                                                             1280
                                                                                          25
                               5739
                                               79
               454
                                                              27
                                                                              6
                                                                                                             1046
                                                                                                                              رَفَعَ سَمْكَهَا فَسَوَّلَهَا
               455
                               5740
                                             79
                                                            28
                                                                              3
                                                                                           14
                                                                                                           890
                                                                                                                              رَبِي صَحَّدٍ.
إِنَّ فِي ذَٰلِكَ لَعِبْرَةً لَمَن يَخْشَى
ءَأَنتُمْ أَشَدُ خَلَقًا أَمِ ٱلسَّمَآءُ ۚ بَنِيْهَا
                                                                                          19
66
              456
                               5738
                                             79
                                                              26
                                                                            6
                                                                                                           1280
                                                                            6
                                                                                          25
                               5739
                                             79
                                                              27
                                                                                                          1046
               457
                                                                                          14
                458
                               5740
                                              79
                                                              28
                                                                              3
                                                                                                            890
                                                                                                                              رَفِّعَ سَمْكِهَا فَسَوَّلٰهَا
                                                                                                                              وَ أَغْطَشَ لَيْلَهَا وَ أَخْرَجَ ضُحَيٰهَا
               459
                               5741
                                              79
                                                              29
                                                                              4
                                                                                             20
                                                                                                             1074
                                                                                                             776
                                                                                                                              وَ ٱلْأَرْضَ بَعْدَ ذَٰلِكَ دَحَيٰهَآ
                               5742
                                             79
                                                              30
                                                                                           17
                460
                                                                             4
                               5743
                                             79
                                                                                                                              أَخْرَجَ مِنْهَا مَآءَهَا وَمِرْعَيْهَا
                461
                                                            31
                                                                             4
                                                                                           20
                                                                                                           1035
                                                                                                                              وَ ٱلْجِبَالَ ۗ أَرْسَيَٰهَا
               462
                               5744
                                             79
                                                            32
                                                                            2
                                                                                           13
                                                                                                           565
                                                                                           15
                                                                                                                              وَمَا صَاحَبُكُم بِمَجْنُونَ
وَلَقَدْ رَءَاهُ بِأَلْأَفْقِ ٱلْمُبِينِ
                                                              22
                                                                              3
67
               463
                               5822
                                             81
                                                                                                             823
                                              81
                                                              23
                                                                                              20
                464
                               5823
                                                                              4
                                                                                                             1026
                                                                            5
                                                                                                                             وَلَقَدَ رَءَاهَ يَالِافُقِ الْمُبِينِ

وَمَا هُوَ عَلَيِ الْغَيْبِ يَضَنِينِ

وَمَا هُوَ بِقَوْلِ شَيْطُنْ رُجِيمُ

فَائِنَ تَذْهَبُونَ

إِنْ هُوَ إِلَّا ذِكْرٌ لَلْعُلَمِينَ

لِمَن شَآءَ مِنكُمْ أَن يَسْتَقِيمَ

فَأَيْنَ تَذْهَبُونَ

إِنْ هُوَ إِلَّا ذِكْرٌ لَلْعُلَمِينَ

إِنْ هُوَ إِلَّا ذِكْرٌ لَلْعُلَمِينَ

لِمَن شَآءَ مِنكُمْ أَن يَسْتَقِيمَ

وَمَا تَشَآءُونَ إِلَّا أَن يَشَآءَ اللهُ رَبُّ الْعُلَمِينَ

اذَا اللهُ آءُ الْهَاَءُ اللهُ أَنْ اللهُ الْمَائِينَ
                                                                                           18
                                                              24
               465
                               5824
                                             81
                                                                                                             1262
               466
                               5825
                                             81
                                                           25
                                                                             5
                                                                                           17
                                                                                                           1194
                                                                              2
                467
                               5826 81
                                                              26
                                                                                           10
                                                                                                          609
                                                                                           17
                               5827 81
                                                              27
                                                                            5
                468
                                                                                                           1124
                469
                               5828
                                             81
                                                              28
                                                                              5
                                                                                             18
                                                                                                            1184
68
               470
                               5826
                                             81
                                                              26
                                                                              2
                                                                                             10
                                                                                                             609
                                                              27
                                                                             5
                                                                                           17
                                                                                                           1124
               471
                               5827
                                             81
                                                           28
                                                                            5
                472
                               5828 81
                                                                                           18
                                                                                                           1184
                473
                              5829 81
                                                           29
                                                                           8
                                                                                           31
                                                                                                          1603
                                                                                                           498
                                                           1
                                                                              3
                                                                                                                             إذَا ٱلسَّمَّأَءُ ٱنفَطَرَتْ
                474
                              5830
                                             82
                                                                                             15
                475
                               5831
                                              82
                                                              2
                                                                              3
                                                                                             17
                                                                                                             626
                                                                                                                             وَإِذًا ٱلْكَوَاكِبُ ٱنتَثَرَتْ
                                                                              3
                                                                                           14
                                                                                                           378
                                                                                                                             وَإِذَا ٱلْيَحَارُ فُجِّرَّتُ
يَعُلِمُونَ مَا تَفْعَلُونَ
                                                              3
               476
                              5832
                                             82
                                                           12
69
               477
                              5841
                                             82
                                                                             3
                                                                                           14
                                                                                                          1051
                                                                                                                             يعتمون ما تعقبون
إِنَّ اَلْأَبْرَارَ لَفِي نَعِيمُ
وَإِنَّ الْفُجَّارَ لَفِي جَحِيمُ
يَصْلُوْنَهَا يَوْمَ اللَّينِ
وَمَا هُمْ عَنْهَا يغَآئِينِ
                                                           13
                478
                               5842 82
                                                                            4
                                                                                           16 864
                                                           14
                                                                             4
                                                                                                          881
                               5843 82
                                                                                           16
               479
                                                                                                          1143
                480
                               5844
                                             82
                                                              15
                                                                              3
                                                                                             15
                481
                               5845
                                             82
                                                              16
                                                                              4
                                                                                             16
                                                                                                             1031
                                                                                                                              وَمَآ الْحُرَبُكُ مَا يَوْمُ ٱلدَّينِ
                               5846 82
                                                            17
                                                                              5
                                                                                           18
                                                                                                           1128
                482
                                                                                                                             ومَا ادربت صَايِّوم اللَّهِ اللَّهُ اللْمُعَالِمُ اللْمُواللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَ
               483
                               5847 82
                                                            18
                                                                            6
                                                                                           19
                                                                                                          1121
70
              484
                              5851 83
                                                           3
                                                                             5
                                                                                           24
                                                                                                          1606
                               5852
                                                                             5
                                                                                                           1476
               485
                                             83
                                                             4
                                                                                             22
                                                                                                                             لِيَوْمَ يَقُومُ ٱلنَّاسُ لِرَبِّ ٱلْعُلَمِينُ
يَوْمَ يَقُومُ ٱلنَّاسُ لِرَبِّ ٱلْعُلَمِينُ
كَلَآ إِنَّ كِتْبَ ٱلْعُجَّارِ لَغِي سِجِّينُ
وَمَآ أَدْرَبِكِ مَا سِجِّينُ
               486
                               5853
                                             83
                                                             5
                                                                              2
                                                                                             8
                                                                                                             698
                                                                              5
                              5854
                                             8.3
                                                            6
                                                                                            22
                                                                                                           1529
               487
               488
                              5855 83
                                                            7
                                                                            6
                                                                                           21
                                                                                                           1061
                                                                                                                             وَمَا اذَرَبِكُ مِا سِجِينٍ
كِتْبُ مَّرْقُومٍ
كِتْبُ مَّرْقُومٍ
ثُمَّ يُقَالُ هٰذَا اَلَٰذِى كُنتُم بِهِ ۚ تُكَذَّبُونَ
كُلْآ إِنَّ كِتْبَ اَلْأَبْرَارِ لَفِى عِلَيْدِنَ
وَمَاۤ أَدْرَبِكَ مِا عِلْيُونَ
وَمَاۤ أَدْرَبِكَ مِا عِلْيُونَ
               489
                              5856 83
                                                           8
                                                                             4
                                                                                           14
                                                                                                            773
                                                           9
                                                                              2
                                                                                           8
                               5857 83
               490
                                                                                                             470
71
               491
                               5864
                                             83
                                                              16
                                                                              4
                                                                                             18
                                                                                                             1006
                                                                              7
                                                              17
               492
                               5865
                                             8.3
                                                                                             25
                                                                                                             1386
               493
                               5866 83
                                                            18
                                                                            6
                                                                                           23
                                                                                                           1216
               494
                               5867 83
                                                            19
                                                                                           15
                                                                                                           972
                                                                            4
                                                           20
                                                                                           8
                                                                                                                              كِتُبُّ مَٰرْقُومٌ
                                                                            2
               495
                               5868 83
                                                                                                             470
                                                          21
                                                                            2
                                                                                                                              يَشْهَدُهُ ۚ ٱلْأَمُقَرَّبُونَۚ
               496
                               5869
                                             83
                                                                                             13
                                                                                                             848
                                                                                                                              إِنَّ ٱلْإِبْرَارَ لِفِي نِعِيمٍ
               497
                               5870
                                             83
                                                              22
                                                                              4
                                                                                             16
                                                                                                             864
                                                           22
                                                                                                                             اِنَ ٱلْأَبْرَارَ لَغِي تَعِيمُ
إِنَّ ٱلْأَبْرَارَ لَفِي نَعِيمُ
عَلَى ٱلأَرَآئِكِ يَنظُرُونُ
تَعْرِفُ فِي وُجُوهِهِمْ نَضْرَةً ٱلتَّعِيمِ
                                                                                           16
72
                               5870
                                             8.3
                                                                                                           864
              498
                                                                             4
                                                           23
               499
                               5871 83
                                                                              3
                                                                                           16
                                                                                                          1047
               500
                               5872 83
                                                              24
                                                                             5
                                                                                           22
                                                                                                           1565
                                                                                                                             ر روجهم بصرة النّجيم
يُسْقَوْنَ مِن رَحِيقٍ مَخْتُومِ
خِتْمُهُ مُسْلُعٌ وَفِي ذَٰلِكَ هَ لَا تَعْدَدَ
               501
                               5873 83
                                                              25
                                                                             4
                                                                                             16
                                                                                                             1128
                502
                               5874
                                             83
                                                              26
                                                                             6
                                                                                             30
                                                                                                             1940
ٱلْمُتَنَٰفِسُونَ
                                                                                                                              وَمِزَاجُهُ مِن تَسُنِيمٍ
عَيْنًا يَشْرَبُ بِهَا ٱلْمُقَرَّبُونُ
عَيْنًا يَشْرَبُ بِهَا ٱلْمُقَرَّبُونُ
                503
                               5875
                                             83
                                                              27
                                                                              3
                                                                                            13
                                                                                                            858
                               5876 83
                                                              28
                                                                                          19 1032
                504
                                                                              4
                                                                                             14
                                                                                                                              إِذَا ٱلسَّمَآءُ ٱنصْقَٰتُ
                                                                              3
73
               505
                               5885
                                             84
                                                              1
                                                                                                           459
                                                                                                                             وَّ أَذِنَتُ لِرَبِّهَا وَحُقَّتُ
                506
                               5886
                                             84
                                                              2
                                                                              3
                                                                                             14
                                                                                                             642
                                                                                                                             وَإِذَا ٱلْأَرْضُ مُدَّتْ
                507
                               5887
                                              84
                                                              3
                                                                              3
                                                                                              12
                                                                                                             406
                                                                                                                             وَ أَلْقَتْ مَا فِيهَا وَتَخَلَّتُ
وَ أَذِنَتْ لِرَبِّهَا وَحُقَّتْ
                508
                               5888
                                             84
                                                              4
                                                                                             16
                                                                                                             851
                                                                              4
                509
                               5889 84
                                                              5
                                                                              3
                                                                                           14
                                                                                                            642
                                                                                                                               يَّأَيُّهَا ٱلْإِنسَٰنُ إِنَّكَ كَادِحُ ۚ إِلَىٰ رَّبَٰكَ كَدُّجًا
                510
                               5890 84
                                                            6
                                                                              8
                                                                                            34
                                                                                                            1868
فَمُلْقِيهِ
                                                                                                                              فَأَمًّا مَنْ أُوتِىَ كِتَٰبَهُ ٰ بِيَمِينِهِ ۚ
فَأَمًّا مَنْ أُوتِىَ كِتَٰبَهُ ٰ بِيَمِينِهِ ۚ
                                                              7
                                                                              5
                511
                               5891
                                             84
                                                                                             20
                                                                                                             1259
                                                              7
74
                512
                               5891
                                             84
                                                                              5
                                                                                             20
                                                                                                             1259
                                                                                                                             ـــ سى مى وقبى بىببة بييسيبة
فَسَوْفَ يُحَاسَبُ حِسَابًا يَسِيرًا
وَيَنِقَلِبُ إِلَىٓ أَهْلِهِ ۚ مَسْرُورًا
وَأَمًا مَنْ أُوتِىَ كِثْبَهُ ۗ وَزَآءَ ظَهُرِهِ ۚ
                               5892 84
                                                           8
                                                                             4
                                                                                                            783
               513
                                                                                           19
                514
                               5893
                                            84
                                                            9
                                                                              4
                                                                                           19
                                                                                                             1234
                                                           10
                               5894 84
                                                                             6
                                                                                             22
                                                                                                             1212
                515
                                                                                                                             فَ سَوْفَ يَـدٌ غُوا ثُبُورًا
                516
                               5895
                                             84
                                                             11
                                                                              3
                                                                                             14
                                                                                                             718
                517
                               5896
                                             84
                                                              12
                                                                              2
                                                                                             10
                                                                                                             679
                                                                                                                             وَيَصْلَىٰ سَعِيرًا
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5 18
4 19
4 19
6 22
3 14
2 10
5 18
5 13
                                                                                إِنَّهُ ۗ كَانَ فِيٓ أَهْلِهِ ۚ مَسْرُورًا
          518
                   5897
                            8.4
                                     13
                                                                    1132
                                                                                نَّ فَسَوْفَ يُحَاسَبُ حِسَائِا يَسِيرًا
وَيَنِقَلِبُ إِلَىٓ أَهْلِهِ ۚ مَسْرُورًا
وَأَمًا مَنْ أُوتِىَ كِتْبَهُ ۗ وَرَآءَ ظَهْرِهِ ۚ
75
          519
                 5892 84
                                   8
                                                                   783
                                     9
10
11
                   5893
                            84
                                                                    1234
          520
          521
                    5894
                             84
                                                                      1212
                                                                                 فَسَوْفَ يَدْغُوا ثُبُورًا
                                                                      718
          522
                    5895
                             84
                                      12
          523
                   5896 84
                                                                     679
                                                                                 وَيَصْلَىٰ سَعِيرًٰ ا
                                                                                 إِنَّهُ ٰ كَانَ فِيَ أَهْلِهِ ۚ مَسْزُورًا إِنَّهُ ٰ ظَنِّ أَن لَن يَحُورَ
                                                          18
          524
                   5897 84
                                     13
                                                                    1132
                                     14
                                                          13 887
                   5898 84
          525
                                                                 1132
                                     13
                                                         18
76
         526
                    5897
                             84
                                                5
                                                                                إِنَّهُ ۗ كَأْنٍ فِينَ أَهْلِهِ ۚ مَسْرُورًا
                                                                                إِنَّهُ ۚ ظَنَّ أَن لَن يَحُورَ
إِنَّهُ ۗ كَانَ بِهِ ۚ بَصِيرُا
بَلَىٰٓ إِنَّ رَبَّهُ ۗ كَانَ بِهِ ۚ بَصِيرُا
فَلاۤ أَقْسِمُ بِالشَّفْقِ
          527
                    5898
                             84
                                        14
                                                 5
                                                           13
                                                                      887
                                                 6
                                                          18
                                      15
                                                                     891
                    5899
                             84
          528
                                                          13
          529
                    5900 84
                                      16
                                                3
                                                                    630
                                                                                وَ ٱلَّيْلِ وَمَا وَسَقَ
وَ ٱلْقَمَرِ إِذَا ٱتَّسَقَ
وَ ٱلْقَمَرِ إِذَا ٱتَّسَقَ
          530
                   5901 84
                                      17
                                                3
                                                          11
                                                                     785
                                                3
4
6
3
                                                          13
                                     18
19
15
                                                                    523
                    5902 84
          531
                                                                                لَتَرْكَبُنُ طَبَقًا عَن طَبَقًا
بَلَىٰٓ إِنَّ رَبَّهُ ۗ كَانَ بِهِ ۚ بَصِيرًا
فَلاۤ أَقْسِمُ بِالشَّقْقِ
                    5903
                             84
                                                            15
          532
                                                                      714
                                                                 891
                                                          18
                             84
77
          533
                   5899
                                     16
                                                          13
          534
                    5900 84
                                                                    630
                                                                                وَ ٱلَّيْلِ وَمَا وَسَقَ
وَ ٱلْقَمَرِ إِذَا ٱتَّسَقَ
          535
                   5901 84
                                     17
                                                3
                                                          11
                                                                    785
                                     18
                                                          13
                   5902 84
                                                                    523
                                                3
          536
                                     19
                                                4
                                                         15
14
                                                                                 لَتَرْكَّبُنَّ طَبَّقًا ۚ عَنِ طَبَقٍ
          537
                    5903
                             84
                                                                      714
                                                                                 ت حبو
فَمَا لَهُمْ لَا يُؤْمِثُونَ
          538
                    5904
                             84
                                        20
                                                 4
                                                                      1116
                                                6
                                                         27
                                      21

    وَإِذَا قُرِئَ عَلَيْهِمُ ٱلْقُرْءَ اْنُ لَا يَسْجُدُونَ

                   5905 84
                                                                    1526
          539
                                     2
                                                          13
                                                                    947
                                                                                 وَ أَلْيَوْم ٱلْمَوْعُودِ
78
          540
                   5911 85
                                                 2
                                                                                و سيوم المسوطود
وَشَاهِدٍ وَمَشْهُوذٍ
قُتِلَ أَصْخُبُ الأُخْدُودِ
النَّارِ ذَاتِ الوَقُودِ
         541
                   5912 85
                                      3
                                                  2
                                                          11
                                                                    722
                                     4
                                                          14
                    5913
                             85
                                                  3
          542
                                                                     467
                                     5
6
                    5914
                              85
                                                  3
                                                            14
                                                                      626
          543
                                                                                بَعَدُ وَكُورُ
إِذْ هُمْ عَلَيْهَا قَعُورُ
وَهُمْ عَلَىٰ مَا يَغْعَلُونَ بِالْمُؤْمِنِينَ شُهُورُ
وَمَا نَقَمُوا مِنْهُمْ إِلَّا أَن يُؤْمِنُوا بِاللَّهِ
                                                          13
                             8.5
          544
                    5915
                                                  4
                                                                     825
                                      7
          545
                    5916
                             85
                                                  6
                                                          27 2091
                    5917 85
          546
                                     8
                                                 9
                                                           40
                                                                     2521
ٱلْعَزِيزِ ٱلْحَمِيدِ
                                    2
3
4
                                                                                وَمَآ أَدْرَتٰكَ مَا ٱلطًّارِقُ
ٱلتَّاقِبُ
          547
                   5933
                             86
                                                  4
                                                          16 763
11 452
19 1139
                                                           16
                                                                      763
          548
                    5934
                             86
                                                  2
                                                                                إِن كُلُّ نَفْسٌ لَّمَّا عَلَيْهَا حَافِظُ
                  5935
          549
                            86
                                                 6
                                                                                ُ فَلْيَنَٰظُرِ ٱلْإِنسَٰنُ ۨمِمَّ خُلِقًٰ
خُلِقَ مِن مَّآءً ۚ دَافِقٍ
                                     5
                                                          17
                                                                    1115
          550
                 5936 86
                                                 4
                                     6
          551
                   5937 86
                                                 4
                                                          12
                                                                    616
                                                                                1105
                                                 5
4
4
                                      7
                                                          22
15
          552
                   5938
                             86
          553
                   5939
                             86
                                                                     859
                                     5
                                                          17
                                                                    1115
                   5936
                             86
80
          554
                                                4 5
                                                                    616
          555
                   5937
                            86
                                      6
                                                          12
          556
                   5938 86
                                      7
                                                          22
                                                                    1105
                                                         15
14
17
                                     8
                                                 4
                                                                    859
                    5939 86
          557
                                     9
10
                                                 3
          558
                    5940
                             86
                                                                      786
          559
                    5941
                             86
                                                  6
                                                                      1168
                                      11
                                                          15
          560
                   5942 86
                                                3
                                                                    533
                                                                                ثُمَّ لَا يَمُوثُ فَيَهَا وَلَا يَحْيَىٰ
قَدُ أَفْلُخَ مَن تَزَكَّىٰ
وَذَكَرَ ٱسْمَ رَبِّهِ ۚ فَصَلَٰىٰ
بَلْ تُؤْثِرُونَ ٱلْحَيَوٰةَ ٱلذَّنْيَا
                   5961 87
                                      13
                                                6
                                                          19
                                                                    1288
          561
                                                4
4
4
3
                                      14
          562
                   5962 87
                                                          12 669
                                                                    799
                                                          14
                                     15
16
17
                    5963
          563
                             87
          564
                    5964
                             87
                                                            20
                                                                      1149
                                                          16 779
19 1078
                                                                                وَ ٱلْدَّ اخِرَةُ خَيْرٌ وَ أَبْقَىَ
إِنَّ هٰذَا لَغِي ٱلصُّحُفِ ٱلْأُولَىٰ
          565
                   5965
                            87
                                      18
                                                5
          566
                   5966 87
                                                                                مُحُفِّ إِبْرُهِيمٌ وَمُوسَيٰ
صُحُفِّ إِبْرُهِيمٌ وَمُوسَيٰ
أَفَلَا يَنظُرُونَ إِلَى ٱلْإِيلِ كَيْفَ خُلِقَتْ
                                                3
          567
                   5967 87
                                      19
                                                          14 897
                                                         25
17
17
82
          568
                    5984 88
                                       17
                                                6
                                                                    1450
                                                                                وَ إِلَىٰ ٱلسَّمَٰآءِ كَيْفَ رُفِعَتُ
وَ إِلَىٰ ٱلسَّمَٰآءِ كَيْفَ رُفِعَتُ
وَ إِلَى ِ ٱلْحِبَالِ كَيْفَ نُصِبَتْ
                    5985
                             88
                                        18
                                                 4
                                                                      932
          569
          570
                    5986
                             88
                                        19
                                                 4
                                                                      884
                                                 4
                                                          16
                                                                                وَإِلَى أَلْأَرْضَ كَيْفَ سُطِحَتْ
فَلَكِّرْ إِنَّمَاۤ أَنتَ مُلَكَّرٌ
          571
                                      20
                    5987
                             88
                                                                     823
          572
                                                          15
                                                                    716
                    5988 88
                                        21
                                                 4
                                                                                فَلْكُرُ إِنْمَا الْنَّ مَلْكُرُ
لُسْتَ عَلَيْهِم يمْمَيْطِرِ
إِلَّا مَن تُوَلَّىٰ وَكَفَرَ
إِرَمَ ذَاتِ الْعِمَادِ
الَّتِي لَمْ يُخْلَقْ مِثْلُهَا فِي الْعِمَادِ
وَتَمُودَ الَّذِينَ جَابُوا السَّخْرَ بِالْوَادِ
وَفِرْعَوْنَ ذِي الْأُوتَادِ
الَّذِينَ طَغُوا فِي الْأُوتَادِ
فَاكْتُرُوا فِيهَا الْفَسَادَ
فَاكْتُرُوا فِيهَا الْفَسَادَ
                                                 3
4
                                                                    890
                                                          14
          573
                    5989 88
                                        22
                                     23
          574
                   5990
                             88
                                                           13
                                                                     853
83
          575
                    6000
                             89
                                        7
                                                  3
                                                            12
                                                                      406
                                                  6
          576
                                      8
                    6001
                             89
                                                           22
                                                                     1299
          577
                    6002 89
                                      9
                                                  5
                                                          26
                                                                    1140
                                      10
                                                          15
                                                  3
          578
                    6003 89
                                                                    810
                                                          16
                                      11
          579
                    6004 89
                                                 4
                                                                      905
                                                  3
                                                           17
                                                                      788
          580
                    6005
                             89
                                        12
                                                         18
                                                                                قَصَبُ عَلَيْهِمْ رَبُكُ سَوْطَ عَذَابِ
اَلَٰتِي لَمْ يُخْلَقُ مِثْلُهَا فِي الْبِلْدِ
وَثَمُودَ اللّٰذِينَ جَابُوا الصَّخْرَ بِالْوَادِ
                            89
                                                  5
          581
                    6006
                                       13
                                                                      951
                    6001 89
                                     8
                                                  6
                                                          22
                                                                    1299
84
          582
          583
                    6002 89
                                      9
                                                 5
                                                          26
                                                                    1140
                                      10
                                                                    810
                    6003 89
                                                  3
                                                          15
                                                                                 وَفِرْعَوْنَ ذِي ٱلْأَوْتَادِ
          584
                    6004
                                      11
                                                 4
3
                                                          16
17
                                                                                ٱلَّذِيَّنَ ۗ طَغَوْا َ فِي ٱلْيلْدِ
فَأَكْثَرُوا فِيهَا ٱلْغَسَادَ
          585
                             89
                                                                      905
          586
                    6005
                             89
                                        12
                                                                      788
```

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فَصَبُّ عَلَيْهٍمْ رَبُّكَ سَوْطَ عَذَابٍ
          587
                  6006 89
                                         13
                                                      5
                                                               18
                                                                            951
                                                      3
                                                               14
                                                                           563
                                                                                        إِنُّ رَبُّكَ لَبِٱلْمِرْصَادِ
          588 6007 89
                                          14
                                                               11
          589
                    6026
                               90
                                           3
                                                      3
                                                                             709
                                                                                        وَوَ الِّذْ وَمَا وَلَدَ
85
                                                                                       ووابه وصا وبد

لَقَدُ خَلَقُنَا ٱلْإِنسُنَ فَى كَبَهِ

أَيحُسَبُ أَن لَن يَقْدُر عَلَيْهِ أَخَهُ

يَقُولُ أَهْلَكُتُ صَالًا لُبَدًا

أَيحُسَبُ أَن لَمْ يَرَةُ أُ أَخَدُ

أَلَمْ نَجْعَل لَهُ غَيْنَيْنِ

وَلِسَانًا وَشَفَتَيْنِ
                                 90
           590
                     6027
                                            4
                                                      5
                                                                 19
                                                                             1044
                                                                20
                               90
           591
                     6028
                                           5
                                                       6
                                                                            1055
          592
                     6029
                               90
                                           6
                                                      4
                                                               17
                                                                           919
           593
                     6030 90
                                          7
                                                      5
                                                               15
                                                                           704
                                                               14
                     6031 90
                                           8
                                                                            1079
           594
                                                      4
                                                               12
          595
                     6032
                                90
                                            9
                                                      2
                                                                             748
           596
                     6040
                                 90
                                           17
                                                      9
                                                                 46
                                                                             2360
                                                                                         ثُمَّ كَانَ مِنَ ٱلَّذِينَ ءَامَنُوا ۚ وَتَوَاصَوْا
بِٱلصَّبْرِ وَتَوَاصَوْا بِٱلْمَرْحَمَةِ
          597
                                            18
                                                      3
                                                                                        أُولَٰئِكَ أَصْخُبُ ٱلْمَيْمَنَةِ
                     6041
                                                                16
                                                                           1003
                                                                                         وَٱلَّذِينَ كَفَرُواْ بِلَّايُّتِنَا هُمْ أَصْخُبُ
           598
                     6042
                                 90
                                           19
                                                      6
                                                                29
                                                                          1571
ٱلْمَشْـ مُةِ
                     6043
                                90
                                            20
                                                      3
                                                                 13
                                                                            924
                                                                                        عَلَيْهِمْ نَارٌٍ مُّؤْصَدَةً
           599
                               91
                                          1
                                                                12
                                                                                        وَ أَلْشُمْسٍ وَضُحَىٰهَا
                                                                             728
           600
                     6044
                                                       2
                                                      3
           601
                     6045
                                91
                                         2
                                                               14
                                                                            704
                                                                                        وَ ٱلْقَمَرِ إِذَّا تَلَىٰهَا
                                                                                        وَ ٱلنَّهَا رِ أَذَا جَلَّيٰهَا
كَذَّبَتْ ثَمُوذُ بِطِغْوَلٰهَآ
           602
                     6046 91
                                            3
                                                      3
                                                               15
                                                                            748
87
                     6054
                                91
                                         11
                                                               15
          603
                                                      3
                                                                             764
                                                                                        إِذِ ٱنْبَعَثَ ۖ أَشْقَىٰهَا
إِذِ ٱنْبَعَثَ ۗ أَشْقَىٰهَا
فَقَالَ لَهُمْ رَسُولُ ٱللَّهِ نَاقَةَ ٱللَّهِ وَسُعْيٰهَا
           604
                     6055
                                 91
                                           12
                                                      3
                                                                 13
                                                                             521
           605
                     6056
                                91
                                           13
                                                       7
                                                                 29
                                                                             1988
                                                      7
                                                                                         فَكَذَّبُوهُ فَعَٰقَرُّوهَا فَدَمْدَمَ عَلَيْهُمْ ۗ رَبُّهُمْ
          606
                     6057 91
                                          14
                                                                39
                                                                             2507
بِذَنْبِهِمْ فَسَوَّلٰهَا
           607
                     6058
                               91
                                         15
                                                     3
                                                                12
                                                                          625
                                                                                        وَلَا يَخَافُ عُقْبُهَا
                                                               12
                                                      3
                     6059
                               92
                                         1
                                                                             727
                                                                                        وَٱلَّيْلِ إِذَا يَغْشِّيٰ
           608
                                                                                        وَ ٱلنَّهَارِ أَإِذَا تَجَلَّىٰ
وَ إِلَىٰ رَبِّكَ فَا رُغَب
           609
                     6060
                                92
                                            2
                                                       3
                                                                             650
                                                                 14
                                                               12
                                94
                     6098
                                                      3
                                                                            578
88
          610
                                           8
                                                                                        وَ ٱللَّيْنِ ۗ وَ ٱلذَّيْثُونِ
           611
                     6099
                               95
                                          1
                                                      2
                                                               14
                                                                           928
                                                                                        وَطُور سِينِينَ
وَهٰذَا ٱلْإِبَلَدِ ٱلْأَمِينِ
                     6100
                                95
                                            2
                                                      2
                                                                9
                                                                            733
           612
                                                               15
                     6101
                                95
                                            3
                                                      3
                                                                             799
           613
                                                                                        لَقَدُ خَلَقُنَا ٱلْإِنسَٰنَ فِيٓ أَحْسَنِ تَقُويَمُّ
ثُمُّ رِدَدُنُهُ أَسْفَلَ سُفِلِينُ
           614
                     6102
                                 95
                                          4
                                                      6
                                                                 25
                                                                             1469
                                        5
                                                               16
           615
                     6103
                               95
                                                      4
                                                                             949
                     6104 95
                                                                            2427
                                          6
                                                      9
                                                                                         إِلَّا ٱلَّذِينَ ءَامَنُوا وَغُمِلُّوا ٱلصُّلِحُتِ فَلَهُمْ ۖ
          616
                                                                41
أَجْرُ غَيْرُ مَمْنُونٍ
                                                                                        أَرَءَيْتَ ٱلَّذِي يَنْهَىٰ عَبْدًا إِذَا صَلِّي
          617
                                         9
                                                                13 771
10 345
                     6115
                               96
                                                     3
                                                               10
                                      10
11
                                                      3
           618
                     6116 96
                                                                                        اَرَءَيْثَ إِن كَانَ عَلَى ٱلْهُدَىٰ
أَوْ أَمَرَ بِالْتُقُوٰوَ
أَوْ أَمَرَ بِالْتُقُوٰوَ
أَرَءَيْثَ إِن كَذَبَ وِتَولُـىٓ
أَلَمْ يَعْلَم بِأَنَّ ٱلله يَرَىٰ
كَلًا لَئِن لُمْ يَنتَهِ لَنَسْفَعًا بِالنَّاسِيَةِ
كَلًا لَئِن لُمْ يَنتَهِ لَنسْفَعًا بِالنَّاسِيَةِ
           619
                     6117
                               96
                                                      5
                                                                 18
                                                                            984
                                         12
                                                      3
                               96
                                                               12
                     6118
                                                                            601
           620
           621
                     6119
                               96
                                         13
                                                     4
                                                               15
                                                                           749
                                                               17
           622
                     6120 96
                                         14
                                                      5
                                                                          1128
                                         15
                                                               26
                                                                           1722
                     6121 96
                                                      6
           623
                                                                                        عَبُدًا ۚ إِذَا صَٰلَيَّ 
غَبُدًا ۗ إِذَا صَٰلَيَّ 
أَرَءَيْثَ إِن كَانَ عَلَى ٱلْهُدَى 
أَوْ أَمَرَ بِالتَّقُوٰوَى 
أَزَءَيْثَ إِن كَذْبَ وِتَولَيَّ 
أَزَءَيْثَ إِن كَذْبَ وَتَولَيَّ
                                96
90
          624
                     6116
                                           10
                                                      3
                                                                 10
                                                                             345
                                                               18
           625
                     6117
                                96
                                           11
                                                      5
                                                                            984
           626
                     6118 96
                                          12
                                                      3
                                                               12
                                                                           601
                     6119 96
                                         13
                                                               15
                                                                           749
           627
                                                     4
                                                                                        أَلَمُ يَعْلَمُ بِأَنَّ ٱللَّهُ يَرَىٰ
كَلًا لَئِن لُمْ يَنتَهِ لَنَسْهَعْا بِٱلنَّاصِيَةِ
                                         14
                                                               17
                                                     5
           628
                    6120 96
                                                                          1128
                                                               26
                                                      6
                                        15
16
4
           629
                     6121
                                96
                                                                            1722
                                                                                        َــ يَــيَّهِ
نَـاصِيَةً كَٰذِبَةٍ خَاطِئَةً
يَـوْمَئِذً تُحَدِّثُ أَخْبَارِهَا
           630
                     6122
                               96
                                                      3
                                                                 14
                                                                            836
                                                      3
                                                               16
                     6142 99
                                                                           629
91
          631
                                                                                        يوسي مست عبد رــ
بأنَّ رَبَّكَ أُوْجَىٰ لَهَا
يَوْمَئِذٍ يَصْدُرُ ٱلنَّاسُ أَشْتَاتًا لِيُرَوْا أَعْمَلَهُمْ
                                         5
                                                               13
          632
                     6143 99
                                                      4
                                                                           624
                                                               31
           633
                     6144 99
                                         6
                                                      6
                                                                          1654
                                                                                        سَدَرُ اللّٰهُ اسْتَابُ لَيْرُوا الْمُعْمَّلُ مِثْقَالُ ذَرُةٍ خَيْرًا يَرَهُ 
وَمَن يَعْمَلُ مِثْقَالَ ذَرُةٍ شُرًّا يَرَهُ 
وَمَن يَعْمَلُ مِثْقَالَ ذَرُةٍ شُرًّا يَرَهُ ُ
                                                               22
                              99
                                                      6
                     6145
                                           7
                                                                          1396
           634
                                                               21
11
                     6146
                                99
                                           8
           635
                                                      6
                                                                            1345
           636
                     6147
                                100
                                           1
                                                      2
                                                                            445
                     6148
                              100
                                                                12
                                                                           596
                                                                                        فِاللُّهُ ورِيُّتِ قَدْحًا
                                        2
           637
                                                      2
                    6150 100
                                                      3
                                                                           543
                                                                                        فَأْثَرْنَ بِهِ ۚ نَقْعُٖا
92
           638
                                                                11
                                        5
                               100
                                                                                        فَوَسَطُّنَ بِهِ * جَمْعًا
                                                      3
                                                                11
           639
                     6151
                                                                           628
                                         6
                                                      4
                                                                                        إِنَّ ٱلْإِنسَٰنَ لِرَبِّهِ ۚ لَكَنُودٌ
           640
                     6152
                                100
                                                                 17
                                                                            1014
                                                                                        إِن الإِنسن بِربِهِ بحبودٍ

وَإِنَّهُ عَلَىٰ ذَٰلِكَ لَشَهِيدٌ

وَإِنَّهُ لِحُبَّ الْخَيْرِ لَشَدِيدُ

أَفَلَا يَعْلَمُ إِذَا لِبُعْثِرَ مَا فِي الْقَبُورِ

وَحُصَّلَ مَا فِي الْقَبُورِ

وَحُصَّلَ مَا فِي الصَّدُورِ

إِنَّ الْإِنسَٰنَ لِرَبِّهِ * لَكَثُودُ

إِنَّ الْإِنسَٰنَ لِرَبِّهِ * لَكُودُ
           641
                     6153
                                100
                                           7
                                                      4
                                                                 15
                                                                             1090
                                         8
                               100
                                                                17
           642
                     6154
                                                                            909
                                                      4
                                                      7
           643
                     6155
                               100
                                         9
                                                                25
                                                                            1187
                                        10
                                                               14
           644
                     6156 100
                                                      4
                                                                             790
                               100
                                                               17
                                                      4
93
           645
                     6152
                                          6
                                                                             1014
                                                                                        إِنَّ الْمِنْسُ بَرِبِّ لَكُودٍ
وَإِنَّهُ مَنَىٰ ذَٰلِكَ لَشَهِيكُ
وَإِنَّهُ لَحِبً ٱلْخَيْرِ لَشَدِيكُ
﴿ أَفَلَا يَعْلَمُ إِذَّا لِمُعْثِرَ مَا فِى ٱلْقُبُورِ
وَحُصِّلَ مَا فِى ٱلصَّدُورِ
إِنَّ رَبَّهُم يَهِمْ يَوْمَئِذٍ لَخْدِيرٍ
إِنَّ رَبَّهُم يَهِمْ يَوْمَئِذٍ لَخْدِيرٍ
                                            7
                                                                             1090
           646
                     6153
                                100
                                                      4
                                                                 15
                                                               17
                               100
                     6154
           647
                                           8
                                                      4
                                                                            909
                     6155
                               100
                                         9
                                                      7
                                                               25
                                                                            1187
           648
           649
                     6156
                               100
                                        10
                                                     4
                                                               14
                                                                            790
                                                               19
7
11
                                                     5
                              100 11
           650
                   6157
                                                                            1182
                                          1
6
                                                      1
2
                                                                                        أُلْقًا رُعَةُ
           651
                     6158
                                101
                                                                             351
          652
                                                                                        لَتَرَوُنَّ ٱلْجَحِيمَ
94
                     6174
                               102
                                                                            622
```

```
4 18 1250
5 20 1427
1 6 321
4 14 761
9 51 2422
                                                                                                                                                                                                                   ثُمَّ لَتَرَوُنَهَا عَيْنَ ٱلْيَقِينِ
ثُمَّ لَتُسُّ لُنَّ يَوْمَئِذٍ عَنِ ٱلنَّعِيمِ
                           653
                                           6175 102 7
                          654 6176 102 8
655 6177 103 1
                                                                                                                                                                                                                   وَ ٱلْعَصْرُ
                                                                                                                                                                                                                  إنَّ ٱلْإِنسٰنَ لَفَّي خُسْرٍ
إِلَّا ٱلَّذِينَ ءَامَنُواْ وَعَمِلُواْ ٱلصَّلِخُتِ
                           656
                                                  6178
                                                                              103
                                                                                                         2
                                                                          103
                           657
                                                    6179
                                                                                                         3

      6179
      103
      3
      9
      51
      2422

      وَتَوْاصُوْاْ بِالْخَقُ وَتُوا

      6180
      104
      1
      4
      14
      1164

      6184
      104
      5
      4
      16
      862

      6185
      104
      6
      3
      14
      867

      6186
      104
      7
      4
      17
      928

      6187
      104
      8
      3
      14
      998

      6188
      104
      9
      3
      10
      664

      6189
      105
      1
      7
      24
      1201

      6190
      105
      2
      5
      19
      1334

      6185
      104
      6
      3
      14
      867

      6186
      104
      7
      4
      17
      928

      6187
      104
      8
      3
      14
      998

      6188
      104
      9
      3
      10
      664

      6189
      105
      1
      7
      24
      1201

      6190
      105
      2
      5
      19
      1334

 وَتَوَاصَوْا بِأَلْحَقِّ وَتَوَاصَوْا بِأَلْصَّبْر
                                                                                                                                                                                                                    وَيْلُ لِّكُلِّ هُمَزَةً لُّمَزَة
وَمَآ أَدْرَكُ مِا ٱلْحُطَمَةُ
                          658
 95
                          659
                                                                                                                                                                                                                    نَا رُ ٱللَّهِ ٱلْمُوقَدَةُ
                           660
                           661
                                                                                                                                                                                                                    ٱلَّتِي تَطَّلِعُ عَلَى ٱلْأَفْئِدَةِ
                                                                                                                                                                                                                    ُ إِنَّهَا عَلَيْهِم مُّؤْصَدَةٌ
إِنَّهَا عَلَيْهِم مُّؤْصَدَةٌ
فِي عَمَٰذٍ مُّمَدًدَةٍ
                           662
                           663
                                                                                                                                                                                                                    أَلَمْ تَرَ كَيْفَ فَعَلَ رَبُّكَ بِأَصْخُبِ ٱلْفِيلِ
                           664
                                                                                                                                                                                                                   تيف صحن ربت بياسمو المجين
أَلُمْ يَجْعَلُ كَيْدَهُمْ فِي تَصْلِيلُ
نَارُ اللهِ الْمُوقَدَةُ
التِي تِطْلِعُ عَلَى الأَفْضِدَةِ
                           665
 96
                        666
                          667
                                                                                                                                                                                                                   سبى تصبع على الأفياة 
إِنَّهَا عَلَيْهِم مُّؤْضَدَةً
في عَمَّا مُّمَدَّةً
فَعَلَ رَبُّكَ سِأَصْخُبِ ٱلْفِيلِ
أَلَمْ يَجْعَلُ كَيْدَهُمْ فِي تَصْلِيلٍ
وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبِالِيلٍ
وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبِالِيلٍ
                          668
                           669
                           670
                           671
                           672
                                                                                                                                                                                                                    إِنَّهَا عَلَيْهِم مُّوْضَدَةٍ
إِنَّهَا عَلَيْهِم مُّوْضَدَةٍ
فِي عَمَٰذٍ مُّمَدًدةٍ
97
                        673
                          674
                                                                                                                                                                                                                    أَلَمْ تَرَ كَيِيْفَ فَعَلَ رَبُّكَ بِأَصْخُبِ ٱلْغِيلِ
                           675
                                                                                                                                                                                                                    أَلَّمْ يَجْعَلُ كَيْدَهُمْ فِيَ تَضْلِيْلُ
وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبَابِيلً
                           676
                           677
                                                                                                                                                                                                                    رُسَى صَيَّرِ
تَرْمِيهِم بِحِجَارَةً مِّن سِجِّيلٍ
فَجَعَلَهُمْ كِعَصْفَا مَأْكُولٍ
                          678
                       678 6192 105 4 4 18 1003
679 6193 105 5 3 15 1026
680 6189 105 1 7 24 1201
681 6190 105 2 5 19 1334
682 6191 105 3 4 20 1086
683 6192 105 4 4 18 1003
684 6193 105 5 3 15 1026
685 6194 106 1 2 9 596
686 6195 106 2 4 21 1115
687 6206 108 2 3 12 635
688 6207 108 3 4 15 753
689 6208 109 1 3 14 939
690 6209 109 2 4 14 549
691 6210 109 3 5 18 840
692 6211 109 4 5 17 642
693 6212 109 5 5 18 840
694 6217 111 1 5 15 551
695 6218 111 2 6 19 1211
696 6219 111 3 4 15 724
697 6220 111 4 3 17 773
698 6221 111 5 5 15 848
699 6222 112 1 4 11 663
700 6223 112 2 2 9 505
701 6223 112 2 2 9 505
                          679
                                                                                                                                                                                                                     أَلَمْ تَرَ كَإِيْفَ فَعَلَ رَبُّكَ بِأَصْخُبِ ٱلْفِيلِّ
 98
                                                                                                                                                                                                                   كيف فعل ربت باسعب الله الم
أَلَمْ يَجْعَلُ كَيْدَهُمْ فِي تَصْلِيلٍ
وَأَرْسَلَ عَلَيْهِمْ طَيْرًا أَبَالِيلُ
تَرْمِيهِم لِحِجَارَةً مِّن سِجْيلٍ
فَجَعَلَهُمْ كَعَمْشُ مَأْكُولٍ
فَجَعَلَهُمْ كَعَمْشُ مَأْكُولٍ
                                                                                                                                                                                                                   لِإيلَٰفِ قُرَيْشً
                                                                                                                                                                                                                   إ ْ لَٰ فِهِمْ رَحْلَةَ ٱلشَّتَأَّءِ وَٱلصَّيْفِ
                                                                                                                                                                                                                    فَصَلِّ لِرَبِّكَ ۗ وَ ٱنِٰحَرْ
99
                                                                                                                                                                                                                   إِنَّ شَانِئَكَ هُوَ ٱلْأَبْتَرُ
قُلْ يَأَيُّهَا ٱلْكُفِرُونَ
                                                                                                                                                                                                                    لاّ أَعْبُدُ مَا تَعْبُدُونَ
                                                                                                                                                                                                                    وَلآ أَنِتُمْ غُيدُونَ مَاۤ أَعْبُدُ
                                                                                                                                                                                                                   ولا أنا عَايِهُ مًا عَنَدَتُمْ
ولا أنا عَايهُ مًا عَنَدَتُمْ
ولا أنتُمْ عَيدُونَ مَا أَعْبُدُ
تَبُتُ يَدَا أَبِي لَهَنْ وَتُبُ
100
                                                                                                                                                                                                                   وَمَا كَسَبَ
                                                                                                                                                                                                                                                       مَآ أَغْنَىٰ عَنْهُ مَالُهُ ۗ
                                                                                                                                                                                                                  ى
سَيَصْلَىٰ نَارًا ذَّاتَ لَهَبُ
وَٱمْرَأْتُهُ صُمَّالَةً ٱلْحَطَّي
                                                                                                                                                                                                                   امرانه مساب مسيد
فيى جيدِها حَبْلٌ مَن مَسدٍ
قُلُ هُوَ الله أَخَدُّ
اَللهُ إَلصَمْدُ
                                                 6223 112 2
                                                                                                                             2
                                                                                                                                                        9
                                                                                                                                                                                                                    اَللُّه الصَّمَدُ
101
                         701
                                                                                                                                                                                    505
                                                                                                 3 4 12 968
4 5 15 1031
1 4 14 692
2 4 9 520
3 5 15 744
                                                                                                                                                                                                                   لَمْ يَلِدُ وَلَمْ يُولَدُ
وَلَمْ يَكُن لَهُ كُفُوا أَخَذُ
قُلُ أَعُوذُ بِرِبً ٱلْفَلَقِ
                         702
                                              6224 112 3
                         703
                                                  6225
                                                                           112 4
                                                                           113
                           704
                                                  6226
                                                                                                                                                                                                                  مِّن شُرُّ مَا خَلَقَ
وَمِن شَرِّ غَاسِقٍ إِذَا وَقَبَ
وَمِن شَرِّ ٱلنَّفُتُٰتِ فِي ٱلْعُقَدِ
قُلْ أَعُوذُ بِرِبً ٱلْعُلَقِ

    6227
    113
    2
    4
    9
    520

    6228
    113
    3
    5
    15
    744

    6229
    113
    4
    5
    18
    1040

    6226
    113
    1
    4
    14
    692

    6227
    113
    2
    4
    9
    520

    6228
    113
    3
    5
    15
    744

    6229
    113
    4
    5
    18
    1040

    6230
    113
    5
    5
    15
    526

    6231
    114
    1
    4
    14
    601

    6232
    114
    2
    2
    8
    472

                           705
                                                    6227
                                                                              113
                          706
                          707
102
                         708
                          709
                                                                                                                                                                                                                   مِن شَرِّ مَا خَلَقَ
                                                                                                                                                                                                                  وَمِن شَرِّ غَاسِقٍ إِذَا وَقَبَ
وَمِن شَرِّ ٱلنِّقُتُّةِ فِي ٱلْعُقَدِ
وَمِن شَرِّ حَاسِدٍ إِذَا حَسَدَ
قَلْ أَعُوذُ بِرَبُّ ٱلنَّاسِ
                           710
                           711
                           712
                         713
                                                                                                                                                                                    مَـلِّكِ ٱلنَّاسِ 472
                         714
Sum 255255 3704841 49057 25606 2958 12592 734128
```

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777 in the Quran

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	С	
1 2 3 4 5 6 7	الكوثر الكافرون النصر المسد الإخلاص الفلق الناس	108 109 110 111 112 113 114	3 6 3 5 4 5 6
Sum		777	32

Pattern 777b:

Middle chapter $114 \div 2 = 57$ 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 = 378 + 399 = 777

Pattern 777c:

Pattern 777d:

Sum

The sum of verses divisible by their chapter numbers is 777

	С	V	$\mathbb{V} \dot{\div} \mathbb{C}$	
	1	7	7	
	2	286	143	
	4	176	44	
	5	120	24	
	16	128	8	
	30	60	2	
Sum	58	777	228	

The sum of chapter numbers divisible by their verses is 439 where AC439 = 777

С	V	$C \div V$
105	5	21
108	3	36
112	4	28
114	6	19
439	18	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 "The product of two sums each of two squares is itself a sum of two squares." $(a^2 + b^2) (c^2 + d^2) = (ac + bd)^2 + (ad - bc)^2$ or = $(ac - bd)^2 + (ad + bc)^2$ 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 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 $64 \mod 7 = 1$. Carmichael Numbers or Fermat Pseudoprimes 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 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:
_____
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 as the sum of two positive cubes in two different ways:
      1729 = 1^3 + 12^3
      1729 = 9^3 + 10^3
  Note 1:
      1729 = 1^3 + 6^3 + 8^3 + 10^3
      1729 = 1^3 + 3^3 + 4^3 + 5^3 + 8^3 + 10^3
Pattern 1729c:
      1729 can be expressed as the difference of two squares in two different ways:
      1729 = 73^2 - 60^2
      1729 = 55^2 - 36^2
  Note 1:
      1729 = 127^2 - 120^2
      1729 = 865^2 - 864^2
Pattern 1729d:
      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:
      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 1729e:
      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 1729f:
      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) \div 2 \equiv \pm 1 \pmod{n}.
Pattern 1729g:
      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 1729h:
      Divisible by the sum of its digits in base-10 (1+7+2+9=19) [Harshad number].
      Divisible by the sum of its digits in base-8: (3301, 3+3+0+1 = 7).
      Divisible by the sum of its digits in base-16: (6C1, 6+C+1 = 19).
      Indivisible in base-2.
```

Pattern 1729i:

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:

899707733276171783928034946501434558897▶0719425863◀...

The circle constant π :

3.141592653589793238462643383279502884197169399375105820974944592307816406286208998628034 907394143334547762416862518983569485562▶0992192221◀...

The golden ratio ϕ :

153978074761507722117508269458639320456▶5209896985◀...

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Further Research:
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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 $C \times V$ multiplication.

God says angels have 2, 3, or 4 wings يَسْمِ ٱللَّهِ ٱلرَّحْمَٰنِ ٱلرَّحِيمِ ٱلْحَمْدُ لِلَّهِ فَاطِرِ ٱلسَّمَٰوٰٰتِ وَٱلأَرْضِ جَاعِلِ ٱلْمَلْئِكَةِ رُسُلًا أَوْلِيَ أَجْنِحَةً مَّتُنَىٰ وَثُلُثَ وَرُبْعَ ۚ يَزِيدُ فِي ٱلْخَلْقِ مَا يَشَآءُ ۚ إِنَّ ٱللَّهِ عَلَىٰ كُلُّ شَيْءٌ 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]

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.

- has 0 prime factors [1=1]- The Unit have 1 prime factor [7 = 7] have 2 prime factors [$9 = 3 \times 3$] have 3 prime factors [$114 = 2 \times 3 \times 19$]. Sphenic number has 3 - Primes - Semi-primes
- Tri-primes distinct prime factors.
 - Quad-primes have 4 prime factors $[100 = 2 \times 2 \times 5 \times 5]$
 - يَزِيدُ فِي ٱلْخَلْق مَا يَشْآءُ and God adds to the creation whatever He wishes

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+111 = 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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               : Unknown, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
 Note 8
 Note 9
              : Patterson, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
              : Al-Humaid, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
 Note 10
               : Unknown, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
: Unknown, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
 Note 11
 Note 12
               : Natch, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
 Note 12
 Note 13
               : Punches, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
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                    Losnak, Prime Curios! [http://primes.utm.edu/curios/page.php/37.html]
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: Centered hexagonal number,
 Note 18
 Note 19
http://en.wikipedia.org/wiki/Centered hexagonal number
Pattern 37b: Dr. Hatim Zaghlool, Egypt. [http://7ameem.com]
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   Note 5
   Note 6
   Note 7
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Note 1 : Ali Adams, Iraq/UK. [http://heliwave.com]
 Pattern 129a: http://ar-
ar.facebook.com/permalink.php?story fbid=1656783217889383&id=1450804781820562
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Pattern 227c: Fakhir60 [http://answering-
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   Note 3
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   Note 3
   Note 4
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                   : Wagler, Prime Curios! [http://primes.utm.edu/curios/page.php/449.html]
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Note 8 : Sabri Tahboub, Palestine.
Pattern 449c: Ali Adams, Iraq/UK. [http://heliwave.com]
 Pattern 506a: Ali Adams, Iraq/UK. [http://heliwave.com] and Dr. Hatim Zaghlool, Egypt.
 [http://7ameem.com]
 Note 1 : Ali Adams, Iraq/UK. [http://heliwave.com]
Note 2 : Tariq Majeed Al-Kraimi, Iraq.
Note 2a : Ali Adams, Iraq/UK. [http://heliwave.com]
  Note 2b : Ali Adams, Iraq/UK. [http://heliwave.com]
                    : Ali Adams, Iraq/UK. [http://heliwave.com]
  Note 3
 Note 4 : Dr. Hatim Zaghlool, Egypt. [http://Tameem.com]
Note 5 : Ali Adams, Iraq/UK. [http://heliwave.com]
Note 6 : Dr. Waleed S. Mohammed, Thailand. [http://Tameem.com]
Note 7 : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 506b: Ali Adams, Iraq/UK. [http://heliwave.com]
  Note 1 : Sabri Tahboub, Palestine.
Note 2 : Sabri Tahboub, Palestine.
Pattern 561 : Sabri Tahboub, Palestine.
Note 1 : Sabri Tahboub, Palestine.
  Note 2
                    : Sabri Tahboub, Palestine.
  Note 3 : Ali Adams, Iraq/UK. [http://heliwave.com]
Note 4a : Ali Adams, Iraq/UK. [http://heliwave.com]
Note 4b : Ali Adams, Iraq/UK. [http://heliwave.com]
```

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Note 5
               : Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 6a : Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 6b : Ali Adams, Iraq/UK. [http://heliwave.com]
               : Ali Adams, Iraq/UK. [http://heliwave.com]
: Ali Adams, Iraq/UK. [http://heliwave.com]
: Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 7
 Note 8
 Note 9
 Note 10 : Hady Al-Thahaby, Iraq. [http://facebook.com/hadyalthahaby]
               : Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 11
Note 12 : Ali Adams, Iraq/UK. [http://heliwave.com]
Note 13 : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 619a: Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 1 : Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 2
                : Ali Adams, Iraq/UK. [http://heliwave.com]
               : Ali Adams, Iraq/UK. [http://heliwave.com]
: Ali Adams, Iraq/UK. [http://heliwave.com]
: Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 3
 Note 4
 Note 5
               : http://primes.utm.edu/curios/page.php/19.html
 Note 6
               : Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 7
 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/UK. [http://heliwave.com]

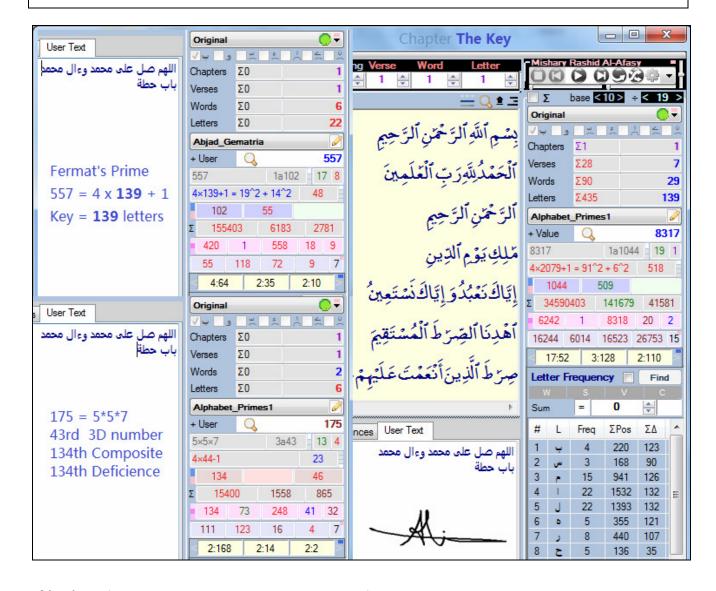
Note 11 : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 619b: Dr. Waleed S. Mohammed, Thailand. [http://7ameem.com]
 Note 1 : Dr. Waleed S. Mohammed, Thailand. [http://7ameem.com]
Note 2 : Ali Adams, Iraq/UK. [http://heliwave.com]
Note 3 : Dr. Waleed S. Mohammed, Thailand. [http://7ameem.com]
Note 4 : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 619c: Sabri Tahboub, Palestine.
 Note 1 : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 619d: Hady Al-Thahaby, Iraq. [http://facebook.com/hadyalthahaby]
Note 1 : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 619e: Hady Al-Thahaby, Iraq. [http://facebook.com/hadyalthahaby]
Note 1 : Ali Adams, Iraq/UK. [http://heliwave.com]
                 : 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/UK. [http://heliwave.com]
Note 1: Hady Al-Thahaby, Iraq. [http://facebook.com/hadyalthahaby]
               : Ali Adams, Iraq/UK. [http://heliwave.com]
 Note 2
Pattern 729a: Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 729b: Aminreza Abrahimi Saba, Iran.
Pattern 729c: Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 729d: Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 729e: Jafar Al-Badran, UK.
Pattern 729f: Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 729g: Jafar Al-Badran, UK.
Pattern 777a: http://youtu.be/G28nR1J1 N4
Pattern 777b: http://youtu.be/G28nR1J1 N4
Pattern 777c: http://youtu.be/G28nR1J1 N4
Pattern 777d: http://youtu.be/G28nR1J1 N4
               : Ali Adams, Iraq/UK. [http://heliwave.com]
               : Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 1729a: Ali Adams, Iraq/UK. [http://heliwave.com]
Pattern 1729b: http://en.wikipedia.org/wiki/1729 (number)
 Note 1 : http://books.google.com/books?id=y01LAgAAQBAJ&pg=PA396
Pattern 1729c: http://en.wikipedia.org/wiki/1729 (number)
 Note 1
               : http://books.google.com/books?id=y01LAgAAQBAJ&pg=PA396
Pattern 1729d: http://en.wikipedia.org/wiki/1729_(number)
Pattern 1729e: <a href="http://en.wikipedia.org/wiki/1729">http://en.wikipedia.org/wiki/1729</a> (number)
Pattern 1729f: <a href="http://en.wikipedia.org/wiki/1729">http://en.wikipedia.org/wiki/1729</a> (number)
Pattern 1729g: http://en.wikipedia.org/wiki/1729 (number)
Pattern 1729h: http://en.wikipedia.org/wiki/1729 (number)
```

(الفاتحة) The Key 7 verses = 29 words = 139 letters

 $7 + 29 + 139 = 175 = 5 \times 5 \times 7$

= 557 in Abjad_Gematria اللم صل على محمد وءال محمد

= 175 in Alphabet Primes1 باب حطة



(علي عبد الرزاق عبد الكريم القره غولي) Ali Adams

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Website: heliwave.com

Email: heliwave@yahoo.com Wechat: heliwave (Prefered)

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Do it right, not what most consider right.
..... be a guiding light .....
```

God >



QuranCode Project www.qurancode.com

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CREDITS:

http://tanzil.net for the Ouran text and translations.

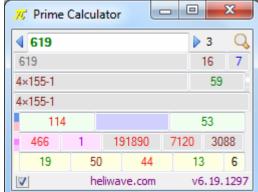
http://noorsoft.org and Yudi Rohmad for the root database.

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

http://corpus.guran.com for the word grammar.

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

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



If you find QuranCode useful, please recite chapters الإخلاص and الإخلاص for the spirits (أرواح) and the souls (انفُس) 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 (مَغْفِرَةُ وَأَجْرُ كَرِيمٍ).

QuranCode and PrimeCalculator are open-source projects with contributions from China, Egypt, France, Indonesia, Iran, Iraq, Jordan, Morocco, Norway, Pakistan, Palestine, Russia, Thailand, Turkey, UK, USA, stackoverflow.com, tanzil.net ...

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, 2006

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Allah is the only Giver and all rewards go in circles of π. أعلم أن الله هو فقط الرزّاق والثواب لتداول الأرزاق يدور بدوائر النسبة الثابتة پاي

 $3.1415926535897932384626433832795028841971693993751058209749445923078164062862089986280348253421170679821480865132823066470938446095505822317253594081284811174502841027019385211055596446229489549303819644288109756659334461284756482337867831652712019091456485669234603486104543266482133936072602491412737245870066063155881748815209209628292540917153643678925903600113305305488204665213841469519415116094330572703657595919530921861173819326117931051185480744623799627495673518857527248912279381830119491298336733624406566430860213949463952247371907021798609437027705392171762931767523393192550604009277016711390098488240128583616035637\dots$

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 خُباً حقيقياً وهواءً نقياً وماءً مُروياً وأكلاً صحياً ودواءً مُشفياً وملبساً مُدفئاً وأدع الله سبحانه وتعالى أن يقرّب ظهور إمام العصر والزمان عليه وعلى ءابائه الصلاة والسلام والحمد لله ربّ العالمين.