



A CHALLENGE TO ATHEISTS

**This Booklet is mainly for those persons
who can understand Mathematics but the
Non-Mathematician can also understand
the foundation of the argument.**

by Peter Bluer



91
703
2701

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Thanks are given to Vernon Jenkins and Bevan Williams for their keen insight into these Mathematical Structures.

In our age the **theory of Evolution** holds full sway upon the minds of everyone. When God is brought into the conversation, people look at the Christian as if he or she are not in their right mind. As Alistair Campbell of the Blair government said “**We do not do God**” and that attitude seems to pervade society in general.

What is a Christian to do ?

Knowledge of the Bible is at **a zero level** especially amongst young people. When Christians use the Bible, to try to give an answer, of why they believe in Jesus Christ, they are shot down in flames by the a reply that the Bible “**is not reliable and it is a story handed down by word of mouth** [not true] **and was finally put in Book form, centuries later after the events it describes.**” [not true]

Their answer shows **appalling ignorance** of the making and preservation of the Biblical Text.¹

There are different proofs for the authenticity of the Scriptures.

In the Bible there is **accurate history**, then **Prophecy, i.e. history written in advance**, such as the Prophecy of the “**70 weeks of Daniel**”, which gives the exact date and time when the **Jewish Messiah** was to reveal Himself to Israel at the time of the Romans.

This prophecy “**The 70 Weeks**”² was written down **600 years** before **Jesus Christ** walked the Earth. There is also **Unique Evidence** of a Mathematical construction of the Biblical Texts of **Gen 1.1** and **John 1.1**

This **Evidence** is given in the Book “**373 a Proof Set in Stone**” which explains these facts in great detail. Also the book gives a detailed account of the Prophecy of “**Daniel’s 70 Weeks**”.

Now this Booklet about the **Mathematics of the Scriptures** is **an outright Challenge to any Atheist**. The Mathematics requires a least **GCSE standard of Mathematics (UK)** to understand the details of the proofs of the different equations.

The Non Mathematician can glean the premise of the argument by omitting to read the highlighted text with the yellow background. [Equation Proofs] As I have said this is a challenge that cannot be ignored and the hope is that by reading this booklet it will lower **the near invincible prejudice** against anything spiritual and that it will lead that person, to read the New Testament and believe that **Jesus of Nazareth** is indeed **the Son of God** who by **His death takes away the Sin of the World**.

1. See my booklet on “Evidence”

2. Booklet “The Seventy Sevens Prophecy of Daniel the Prophet”

Unlike English, the Hebrew and Greek languages from ancient times have a system of numeration as set out below. The letters have specific numerical values, so a particular word has a specific value.

Illustrated below is the Hebrew for God.

e.g. אלהים [Elohim = God] Using the table below, we find that it has a numeric value of **86**. This value is called its **characteristic value**.

$$\text{א} \text{ל} \text{ה} \text{י} \text{ם} \\ 40 + 10 + 5 + 30 + 1 = 86$$

HEBREW TABLE

| Position alphabet | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-------------------|---|---|---|---|---|---|---|---|---|----|----|
| Normal Letter | א | ב | ג | ד | ה | ו | ז | ח | ט | י | כ |
| End form Letter | These forms appear at the End of Hebrew words | | | | | | | | | | ך |
| Numeric Value | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 20 |

| | | | | | | | | | | |
|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| ל | מ | נ | ס | ע | פ | צ | ק | ר | ש | ת |
| | ם | ן | | | ף | ץ | | | | |
| 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 200 | 300 | 400 |

Even though the Hebrew language is very ancient, the system of numeration using letters of the alphabet was adopted from the Greek language only in the **2nd century BC**. See Numerals p 610 Encyclopaedia Britannica 1962 **This date of the numeration in the 2nd century BC, is an important consideration in this study.**

The Greeks adopted their system as early as the 3rd century BC

We can now calculate the characteristic value of God in the Greek language which is 284. $\theta\epsilon\omicron\varsigma$ [theos = God]

$$\theta \quad \epsilon \quad \omicron \quad \varsigma$$

$$9 + 5 + 70 + 200 = 284$$

GREEK TABLE

| | | | | | | | | | | |
|-------------------|----------|---------|----------|----------|------------|---------|--------|----------|---------|----------|
| Position Alphabet | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Normal Letter | α | β | γ | δ | ϵ | ζ | η | θ | ι | κ |
| End form letter | | | | | | | | | | |
| Numeric Value | 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 20 |

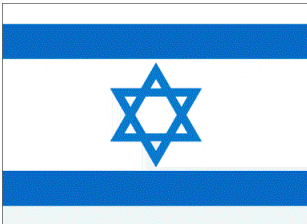
| | | | | | | | | | | | | | |
|-----------|-------|-------|-------|------------|-------|--------|-------------|--------|------------|--------|--------|--------|----------|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| λ | μ | ν | ξ | \omicron | π | ρ | σ | τ | υ | ϕ | χ | ψ | ω |
| | | | | | | | ς | | | | | | |
| 30 | 40 | 50 | 60 | 70 | 80 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |

F (Vau) = 6, Q (Koph) = 90, & (Sampi) = 900

are attached to three ancient Greek (Phoenician) letters which are not used anywhere in the New Testament and they have become obsolete.

On the Next three pages we will assemble a 3 pairs of Hexagons and Hexagrams from a simple formula. It is all based upon the Star of David the National flag of Israel.

From these pairs of hexagons and hexagrams we will produce 3 important values.

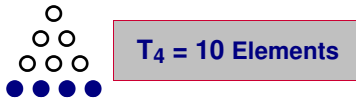


T_r Triangular number, the Formula is $T_r = \frac{1}{2} r (r + 1)$

Using the formulæ above we have

Use $r = 4$ as the base of an equilateral triangular number.

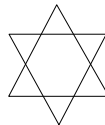
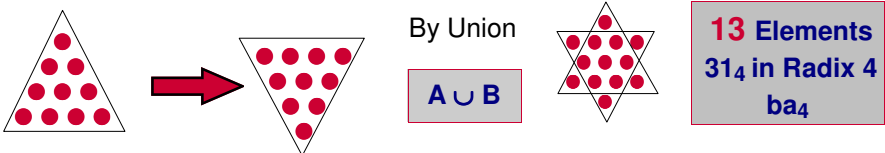
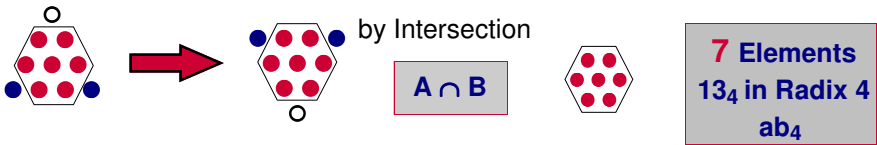
$$T_r = \frac{1}{2} r (r + 1) = \frac{1}{2} \times 4 (4 + 1) = 10$$



We now invert the triangle to give >



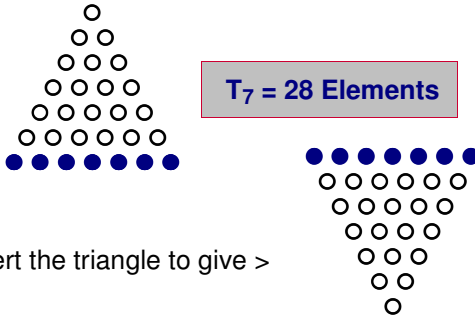
Take the two triangles and superimpose one triangle upon the other.



The Star of David

To continue: Use $r = 7$ as the base of an equilateral triangular number.

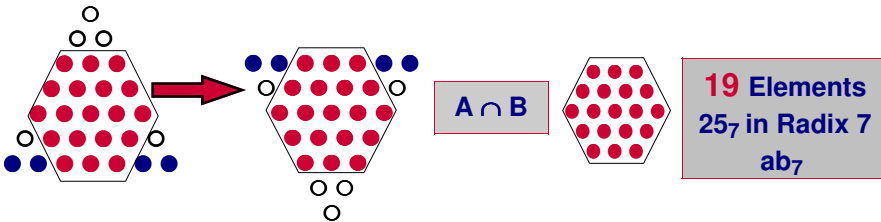
$$T_r = \frac{1}{2} r (r + 1) = \frac{1}{2} \times 7 (7 + 1) = 28$$



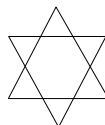
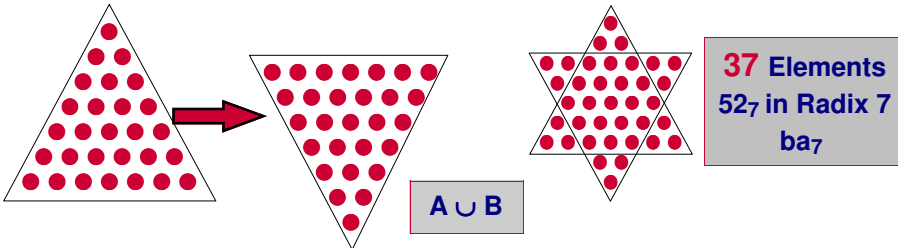
We now invert the triangle to give >

Take the two triangles and superimpose one triangle upon the other.

by
Intersection



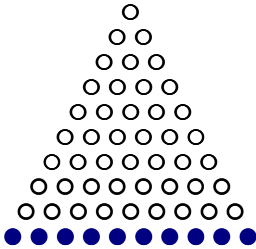
by
Union



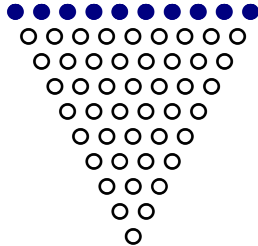
The Star of David

Finally Use $r = 10$ as the base of an equilateral triangular number.

$$T_r = \frac{1}{2} r (r + 1) = \frac{1}{2} \times 10 (10 + 1) = 55$$

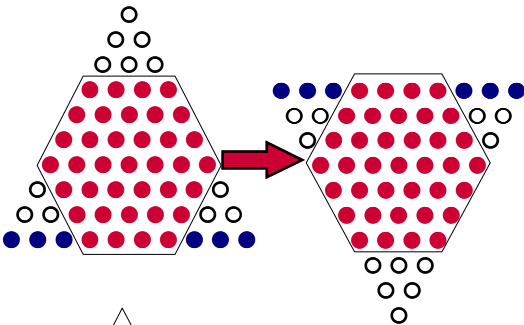


$T_{10} = 55$ Elements



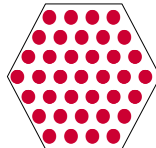
We now invert the triangle to give >

Take the two triangles and superimpose one triangle upon the other.

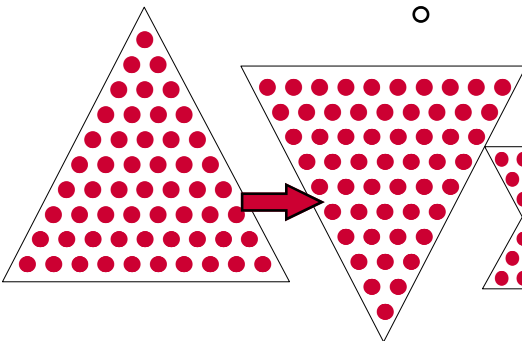


by
Intersection

$A \cap B$

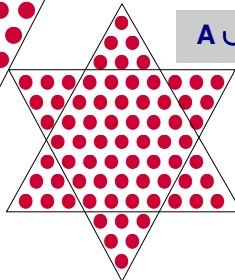


37 Elements
 37_{10} in Radix 10
 ab_{10}



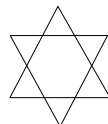
by Union

$A \cup B$



73 Elements
 73_{10} in Radix 10
 ba_{10}

The Star of David



The **numerical geometry** of the **Hexagon** and **Hexagram** are summarised below.

The next step is to form the product of the **Hexagon** elements and the **Hexagram** elements **ab_r** x **ba_r**

ab_r multiply **ba_r**



X



$$ab_r = 13_4 (7) \quad ba_r = 31_4 (13)$$

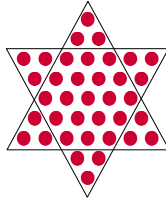
$$13_4 \times 31_4 = 7 \times 13 = 91_{T13}$$

Reflective Digits Radix in 4

91 [Decimal]



X

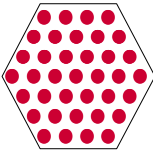


$$ab_r = 25_7 (19) \quad ba_r = 52_7 (37)$$

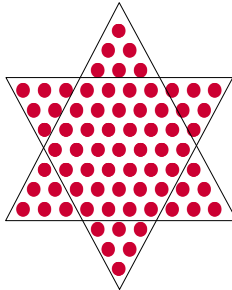
$$25_7 \times 52_7 = 19 \times 37 = 703_{T37}$$

Reflective Digits Radix in 7

703 [Decimal]



X



$$ab_r = 37_{10} (37) \quad ba_r = 73_{10} (73)$$

$$37_{10} \times 73_{10} = 37 \times 73 = 2701_{T73}$$

Reflective Digits Radix in 10

2701 [Decimal]

The **Hexagon** is the **National flag** of **Israel** known as the **Star of David** or the **Shield of David**.

When we multiply the elements of the Hexagon and Hexagram to produce this new value it turns out to be always **a triangular number**.

Radix 10 $7 \times 13 = 91_{T13}$ $19 \times 37 = 703_{T37}$ $37 \times 73 = 2701_{T73}$

Base Radix $13_4 \times 31_4$ $25_7 \times 52_7$ $37_{10} \times 73_{10}$

Notice that the digits in their original radix are **reflective**.

What is of special interest to us is the values of **91**, **703** and **2701**.

This study is about the very famous first words in the Bible.

The Hebrew text reads from right to left and

Using the tables of numeric values, each word is shown in **red subscript**.

The first value in the **Hexagon** and **Hexagram** sequence to consider is

91 the **13th** triangular number. $T_{13} = \frac{1}{2} \times 13 (13 + 1) = 91 = 7 \times 13$

האלהים₉₁
God the

הא ל ה י ם
40 + 10 + 5 + 30 + 1 + 5 = 91

91 the value of the Hebrew letters in the phrase “The God” האלהים.

The value **7** is the most prolific number that is visibly woven into all the scriptures. **7** days in the week, **7** last plagues etc.

The value **13** is the Hebrew for “One” אחד and

the divine name **Yahweh** [**LORD**] יחזק has the value **26** (2×13).

יחזק אחד **Yahweh is One** ($3 \times 13 = 39$)

Using the base radix of **4** the value $91_{10} = 13_4 \times 31_4$

This digit reversal of 13_4 and 31_4 encodes the nature of the Triune Godhead. **One (1) in Three (3) and Three (3) in One (1)**.

This analysis now sets the scene for the following Structures.

The next base Radix for this next **Hexagon** and **Hexagram**

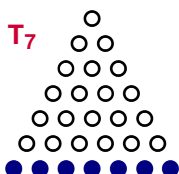
configuration is **7**, which forms the **7th** triangular number **T₇**

with the number of elements counted as **28**.

| | |
|---|---|
| ואת ₄₀₇ הארץ ₂₉₆ “ Earth the and ” | בראשית ₉₁₃ ברא ₂₀₃ אלהים ₈₆ את ₄₀₁ השמים ₃₉₅ Heavens the God created beginning [the] In ” |
|---|---|

The significance of this is there are **7 words** and **28 letters** in this first **Biblical Statement about the origin of the Earth**.

$$T_7 = \frac{1}{2} \times 7 (7 + 1) = 28$$



The next value **703** is the numeric value in Hebrew of the **last two words** in **Gen 1.1** “**and the Earth**”

This is the **37th** triangular number, with elements of **703** (296 + 407)

$$T_{37} = \frac{1}{2} \times 37 \times (37 + 1) = 703$$

The Reflective digits are **25₇** & **52₇**

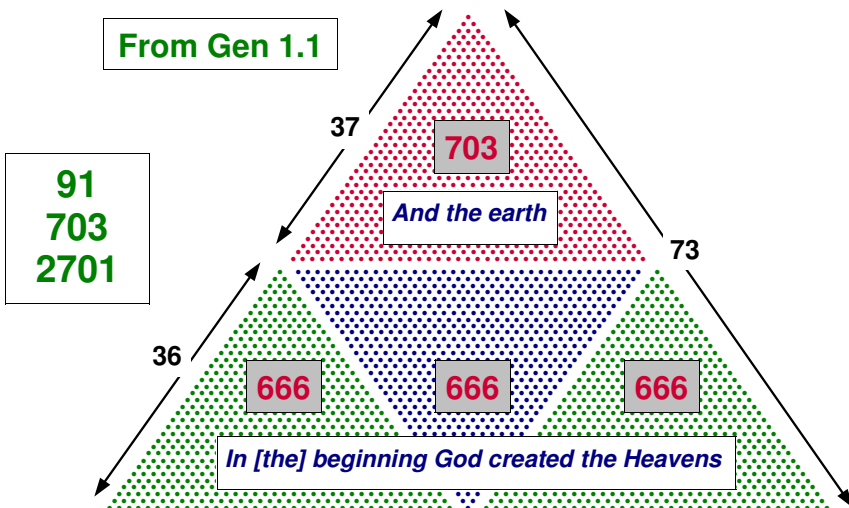
The **2, 5** split signifies the separation of the words into **2 words** & **5 words**.

The rest of the sentence has **21** (3 x 7) letters with value of **1998**.

This is not a triangular number, but is **3 times**, the **36th** triangular number. This value **666 = 1/2 x 36 x (36 + 1)** and **3 x 666 = 1998**.

| | | | | |
|-----------------------------------|-------------------|---------------------|--------------------|-----------------------|
| השמים ₃₉₅ | את ₄₀₁ | אלהים ₈₆ | ברא ₂₀₃ | בראשית ₉₁₃ |
| Heavens | the | God | created | beginning [the] In ” |
| 1998 = 395 + 401 + 86 + 203 + 913 | | | | |

By adding a **Trapezium** it enables us to construct the following figure.



The length of the full triangular number is **36 + 37 = 73** which is **73rd** triangular number. **The 3rd value 2701 = 1/2 x 73 x (73 + 1)**

We have again the Reflective digits

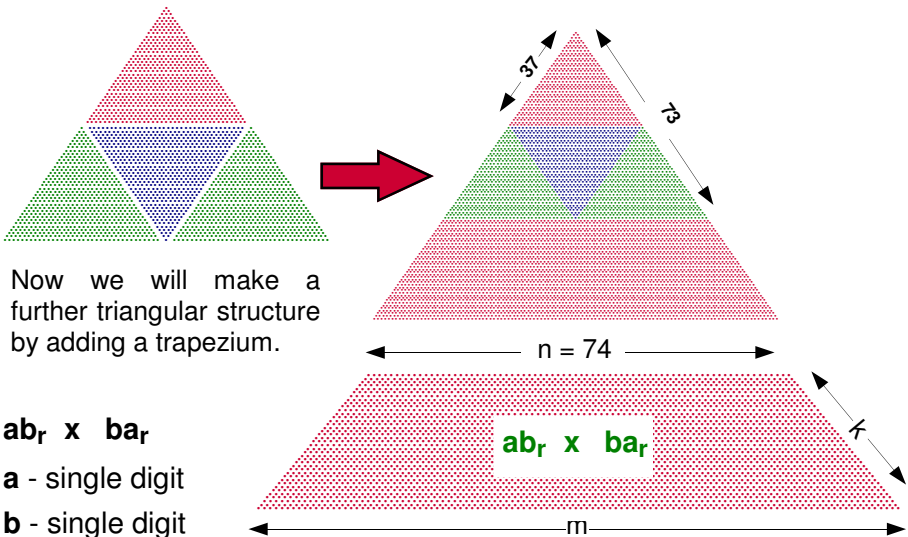
$$37_{10} \times 73_{10} = 37 \times 73 = 2701 \text{ [3 the Godhead and 7 completeness]}$$

This encoding in this Hebrew sentence is truly outstanding and demonstrates the proof that this sentence was not constructed by man.

Why do I say this ?

Remember clearly that the values were unknown when the sentence was written 4000 [hebrew] (6000 [cuneiform])¹ years ago and Moses could not have known of this remarkable mathematical outcome when he wrote Genesis.

These products of the Hexagon and Hexagram sequences are very ingenious. Remember it is all based on the Mathematical Symmetry.



Now we will make a further triangular structure by adding a trapezium.

$$ab_r \times ba_r$$

a - single digit

b - single digit

r - unknown radix

The numerical value of this trapezoid structure will be constructed to have reflective factors ($ab_r \times ba_r$) just as in the previous structures.

$$91 (13_4 \times 31_4) \quad 703 (25_7 \times 52_7) \quad \text{and} \quad 2701 (37_{10} \times 73_{10}).$$

-
- Moses wrote the sentence from a previous Document originally related by God to Adam in the Garden of Eden.
See "New Discoveries in Babylonian about Genesis" by J P Wiseman.

The value of $n = 73 + 1 = 74$ to fit to the previous triangular structure.

We will determine what are the values of k and m that will give the reflective factors of $ab_r \times ba_r$. r is at this point unknown

The formula for the counters in the trapezium are

$\frac{1}{2}(m+n)(m-n+1)$ where $k = m - n + 1 = ba_r$ (height of the trapezium)

For reflective digits and without loss of generality

$$ab_r \times ba_r = \frac{1}{2} (m+n) (m-n+1)$$

$$2ab_r \times ba_r = (m+74)(m-74+1) \quad n = 74$$

$$\text{Let } 2ab_r = (m+74)$$

$$\text{and } ba_r = (m-73) \quad \text{subtract equations}$$

$$2ab_r - ba_r = 147$$

$$2(ra+b) - (rb+a) = 147$$

$$2ra + 2b - rb - a = 147 \quad \text{re-arrange, factorise and transpose}$$

$$a(2r-1) - b(r-2) = 147$$

$$\text{we have } b = \frac{a(2r-1) - 147}{(r-2)}$$

By using a computer program and varying the radix r from 1 to 10 and varying the single digit value of a from 1 to 9 to find b .

What we find is only two single integer digits solutions in Radix 10 for a , b

The unique integer solutions are $a = 3$, $b = 9$ & $m = 112$ ($n = 74$)

Therefore the numerical value of the trapezium is

$$39 \times 93 = 3627 \quad \text{Reflective digits} \quad k = 112 - 74 + 1 = 39$$

The next analysis is indeed astonishing

The next remarkable mathematical phenomena is contained in the Gospel of John. It is John 1.1 which is called the prologue and reads:

This prologue goes back in time **before the Creation of the Heavens and the Earth** and it tells us that this **Word** is the one who in Genesis created the Universe by his power

It is a description of the Origin of **the Word of God** [Jesus Christ].

The **WORD [373]** **“ and God said ”**. וַיֹּאמֶר אֱלֹהִים [$343 = 7^3$]

Εν⁵⁵ αρχη⁷¹⁹ ην⁵⁸ ο⁷⁰ λογος³⁷³ και³¹ ο⁷⁰ λογος³⁷³
“ In [the] beginning was the Word and the Word
 ην⁵⁸ προς⁴⁵⁰ τον⁴²⁰ θεον¹³⁴ και³¹ θεος²⁸⁴ ην⁵⁸ ο⁷⁰ λογος³⁷³
was with the God and God was the Word ”

The Numeric value of this prologue is **the same** as the Trapezium !

$$3627 = 39 \times 93 = 3 \times 13 \times 31 \times 3$$

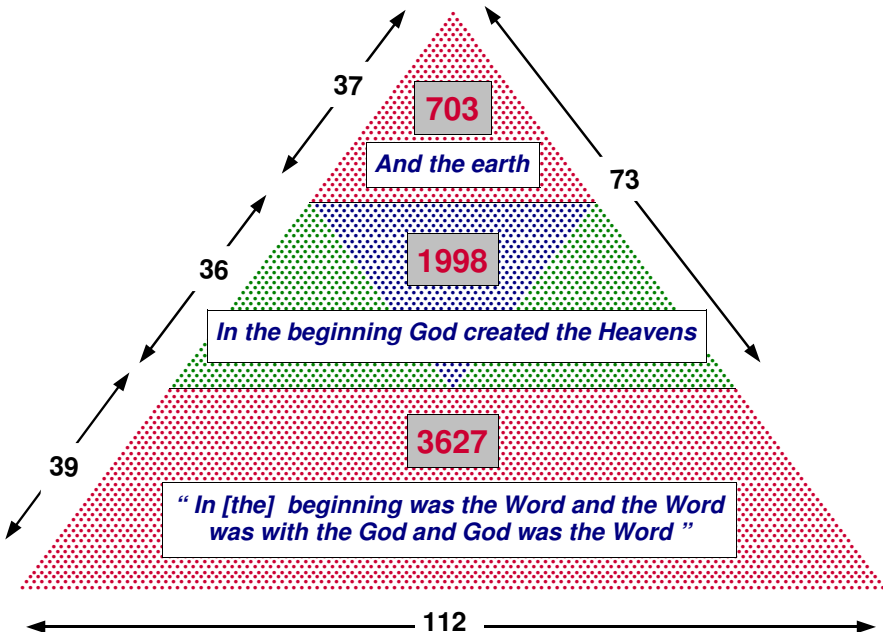
[notice the **Three in One (31)** and the **One in Three (13)** The triune Deity]

$$55+719+58+70+373+31+70+373+58+450+420+134+31+284+58+70+373 = 3627$$

This analysis of the Hebrew text of **Gen 1.1** and **John 1.1**

is really a modern day Mathematical miracle.

It is a beautiful, elegant and unique structure full of precision.



These words of **Genesis** were written by Moses **before** the numeration of **the letters were known !!**

The numeration of the Hebrew came into existence in about **200 BC**.

John 1.1 is in **Greek**, **Gen 1.1** is in **Hebrew** a different language.

The Star of David has a history only from about **1000 BC**.



It is very intriguing that a **Mathematic structure** such as **the Hexagram** was chosen as **Israel's** national emblem.

**** Therein lies the clue that we have all missed ! ****

The structure of **the Hexagon** and **the Hexagram** was discovered while proving by algebra that **37 x 73** was also the **73rd** triangular number with **reflective** digits.

This is unique solution which uses the values of **3** and **7**.

Gen 1.1 is **37 x 73 = 2701 (703 + 1998)**

John 1.1 is **39 x 93 = 3627**

Notice both scriptures have reflective factors

2701 + 3627 = 6328 the **112th** triangular number.

112 is the value of **LORD (26) + GOD (86) Hebrew.**

The value of **JESUS (888 = 24 x 37) + CHRIST (1480 = 40 x 37) = 2368**

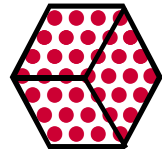
6328 is an anagram of **2368 = 4³ x 37 (888 + 1480)**

Gen 1.1 with the 5 words 1998 = 2 x 3³ x 37

Now the Hexagon can be viewed also as a cube.



The cubes shown are **3³** and **4³**



To recall, the value of **"The God" האלהים** is **91**.

Exploring the factor **91 = 7 x 13** we have

4³ - 3³ = 64 - 27 = 37 and its reflection **73** and **73 x 37 = 2701**

4³ + 3³ = 64 + 27 = 91 and its reflection **19** and **19 x 37 = 703**

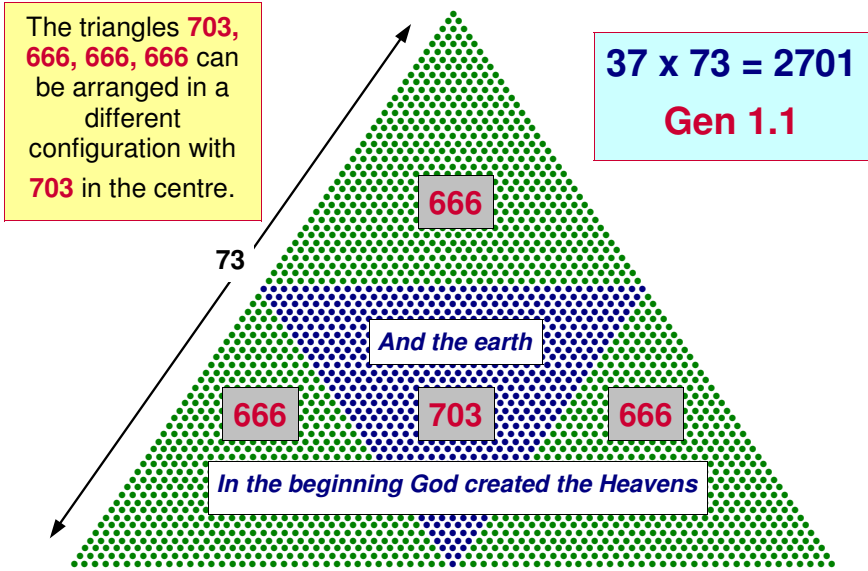
The value **703 = " and the Earth "** is composed of **407 + 296 = 703**

if we now calculate **3³ / 91 = 0.296703*** and **296703 = 3³ x 3³ x 407**.

with also **4³ / 91 = 0.703296*** and **703296 = 3³ x 4³ x 407**.

The value 407 (11 x 37) is the value of the sixth word of Gen 1.1

These Structures show an origin not of man, but of God—because when Gen 1.1 was written the numeric assignments were unknown.



After **God** created **the Heavens and the Earth**, He then began to fashion **the Heavens and the Earth** in **six days** ready for man's habitation.

רוח אלהים מרחפת על פני המים

95 + 140 + 100 + 728 + 86 + 220 = 1369

waters the face upon moving God spirit and

Gen 1.2b says

“ And the Spirit of God moved upon the face of the waters ”

This phrase has the remarkable value of **1369 = 37 x 37**.

This value **1369** can be expressed as Rhombus and can be superimposed on the above structure in three ways as **Blue**, **Red** and **Black**.

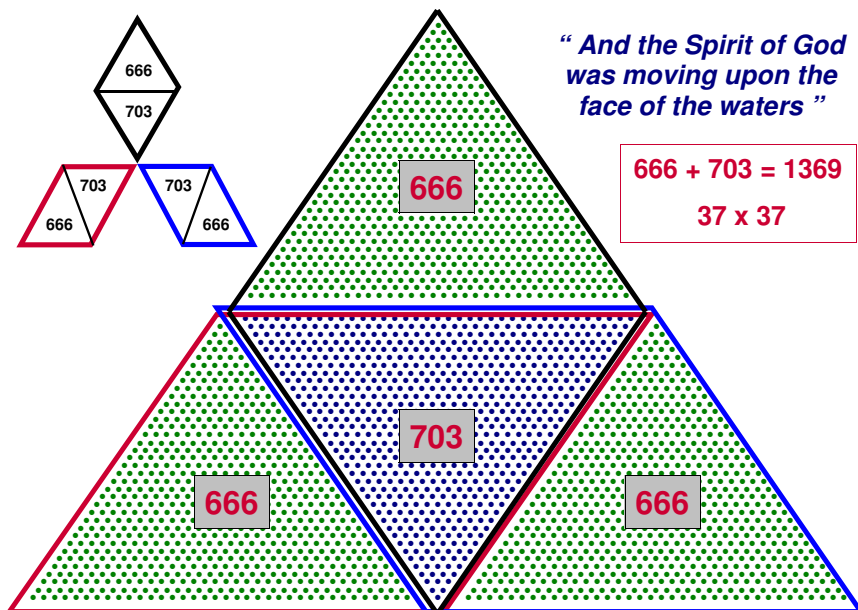
Below is an interesting numeric outcome of these two values.

$$666 + 703 = 1369 \text{ and also } 666^3 + 703^3 = 642837223$$

$$\text{We have } 642837223 = 37 \times 37 \times 37 \times 37 \times 7 \times 7 \times 7 = 37^4 \times 7^3$$

$$\text{Again } 6 + 4 + 2 + 8 + 3 + 7 + 2 + 2 + 3 = 37$$

The next section contains more **the Mathematical Proofs**



A Mathematical Proof for the reflective digits of Gen 1.1

Given Two two-digit numbers, the second number is formed by reversing the digits of the first number Example **17,71 13,31 37,73**

To seek Two such digits to satisfy the criterion that the product of the two numbers is the same value as the triangular number of one of the numbers.

To prove that the only digits in the range **0 to 9** (Radix 10) that satisfy this criterion are **3** and **7**

Solution

Let a and b represent the decimal digits in the form ab or ba

Now the n^{th} triangular number is given by the formula $\frac{1}{2} n (n + 1)$

The product of the two numbers is $ab \times ba$

There is no loss of generality in choosing ba or ab

Therefore the triangular number of

$$ab \times ba = \frac{1}{2} \times ba \times (ba + 1) \text{ divide both sides by } ba \text{ (} ba \neq 0 \text{)}$$

$$ab = \frac{1}{2} \times (ba + 1)$$

Now ab can be expressed in radix 10 as $10a + b$ and ba as $10b + a$.

$$10a + b = \frac{1}{2} \times (10b + a + 1) \text{ multiply both sides by 2}$$

$$20a + 2b = 10b + a + 1 \text{ collect like terms and transpose}$$

$$19a - 8b = 1 \text{ transpose and divide by 8.}$$

$$19a - 1 = 8b$$

$$8b = 19a - 1$$

$$b = (19a - 1) / 8$$

This is a Diophantine equation but the only possible solutions are, by hypothesis, from the digits 0 to 9

Try successively $a = 0, 1, 2, 3, \dots, 9$

| | | | | | | | | | | |
|----------|---|---|----------|---|---|---|---|---|---|---|
| If $a =$ | 0 | 1 | 3 | 2 | 4 | 5 | 6 | 7 | 8 | 9 |
|----------|---|---|----------|---|---|---|---|---|---|---|

| | | | | | | | | | | |
|-------------------|--------|------|----------|------|------|-------|-------|------|-------|-------|
| $(19a - 1) / 8 =$ | -0.125 | 2.25 | 7 | 4.62 | 9.37 | 11.75 | 14.12 | 16.5 | 18.87 | 21.25 |
|-------------------|--------|------|----------|------|------|-------|-------|------|-------|-------|

All the solutions are decimal numbers except

3 and 7 which are integers (whole numbers)

The only integer solution is
 $a = 3$ and $b = 7$, $ab = 37$ $ba = 73$

Check

The numbers formed are **37 & 73 and**

$$37 \times 73 = \frac{1}{2} \times 73 \times (73 + 1) = 2701 \text{ Gen 1.1}$$

The **73rd** triangular number is $1 + 2 + 3 + \dots + 73 = 2701$

The above algebra takes place in **Radix 10**, the decimal Radix.

The numbering system which was adopted was of course the decimal system. Remember we have **10 fingers and 10 toes**: i.e. God ordained.

Why radix 10 ? More proof.

This next section shows that the **Radix 10** is the correct and only feasible Radix for Bible Numerics.

The Bible numerics numbering system was define in **200 BC** in terms of **Radix 10** so you would have expected the various symmetries to be in terms of **decimal** reflections etc

Let the unknown **Radix = r**

Let **a** & **b** be single digit digits where **a < b < r**

Let **ab** and **ba** be the digit reflections and the condition is that :—

ab x ba = triangular value of ba

[eg. $37 \times 73 = 2701 = 73^{\text{rd}}$ triangular number]

$$ab \times ba = \frac{1}{2} \times ba \times (ba + 1) \quad \text{divide both sides by } ba \text{ (} ba \neq 0 \text{)}$$

$$ab = \frac{1}{2} \times (ba + 1) \quad \text{multiply both sides by 2}$$

$$2ab = ba + 1$$

Now **ab** can be expressed in Radix **r** as **ar + b** and **ba** as **br + a**

$$\Rightarrow 2 \times (ar + b) = br + a + 1 \quad \text{remove brackets}$$

$$2ar + 2b = br + a + 1 \quad \text{Transpose and make } r \text{ the subject}$$

$$2b - a - 1 = br - 2ar = r \times (b - 2a)$$

$$\Rightarrow \quad \quad \quad r = (2b - a - 1) / (b - 2a) \quad \text{————— (1)}$$

Since **r** is a positive integer, then **b - 2a > 0**

$$\Rightarrow \quad \quad \quad b = 2a + k \quad k = 1, 2, 3 \dots$$

Now substitute **b = 2a + k** into equation - (1) **r = (2b - a - 1) / (b - 2a)**

$$\Rightarrow \quad \quad \quad r = (2[2a + k] - a - 1) / (2a + k - 2a)$$

$$r = (4a + 2k - a - 1) / k$$

$$r = (3a + 2k - 1) / k \quad \text{————— (2)}$$

This next section shows that

0 < k < 1.5 and **k is an integer** therefore **k = 1**

$$r > b \Rightarrow r - b > 0 \quad \text{and} \quad b = 2a + k \quad \text{———— (3)}$$

Substitute equation — (2) and equation — (3) in equation **r - b > 0**

$$(3a + 2k - 1) / k - (2a + k) > 0$$

$$(3a + 2k - 1) / k - 2a - k > 0 \quad \text{Multiply both sides by } k$$

$$3a + 2k - 1 - 2ak - k^2 > 0 \quad \text{Transpose}$$

$$3a - 2ak > k^2 - 2k + 1 \quad \text{Factorise both sides}$$

$$a(3 - 2k) > (k - 1)^2 \quad \text{R.H.S } > 0 \text{ and } a > 0$$

$$\Rightarrow \quad \quad \quad 3 - 2k > 0$$

$$3 > 2k$$

$$k < 1.5 \quad \text{and } k \text{ is an integer } > 0$$

$$\Rightarrow \quad \quad \quad k = 1$$

Now $r = (3a + 2k - 1) / k$ and substitute $k = 1$

$$\Rightarrow r = 3a + 1$$

and $b = 2a + k \Rightarrow b = 2a + 1$

$$\Rightarrow r = a + b$$

Therefore when

| | | | | | | |
|--------------|---|---|---|----|----|----|
| a | = | 1 | 2 | 3 | 4 | 5 |
| b | = | 3 | 5 | 7 | 9 | 11 |
| radix | = | 4 | 7 | 10 | 13 | 16 |

Now by substituting the different values for **a** & **b** and using each radix we can see the digit reflections ~ **13, 31** ~ **25, 52** ~ **37, 73** ~ **49, 94** ~ **5B, B5**

Radix **4** $13_4 (7_{10}) \times 31_4 (13_{10}) = 1123_4 (91_{10})$ [**all values are**

Radix **7** $25_7 (19_{10}) \times 52_7 (37_{10}) = 2023_7 (703_{10})$ **Triangular²**]

Radix **10** $37_{10} (37_{10}) \times 73_{10} (73_{10}) = 2701_{10} (2701_{10})$

Radix **13** $49_{13} (61_{10}) \times 94_{13} (121_{10}) = 348A_{13} (7381_{10})$

Radix **16** $5B_{16} (91_{10}) \times B5_{16} (181_{10}) = 4057_{16} (16471_{10})$

The question remains, is why is **Radix 10** a better than **4, 7, 13, 16 etc.**

Radix 4 is too small to express **Gen 1.1** by the two reflective digits because the total value in radix 4 is only 91_{10} . A sentence is very difficult with such a small value.

Radix 7 has a reflective value of 703_{10} , which is better than 91_{10} but it still is too small. The phrase '**and the earth**' from **Gen 1.1** has this value for only two words.

Radix 10 is the most efficient for the size of the 7 words of **Gen 1.1**.

Radix 13¹ has a reflective value of $4994_{13} = 7381_{10}$ which is a larger value for a single sentence.

Radix 16¹ has a reflective value of $5BB5_{16} = 16471_{10}$ which is a very large value for a single sentence.

1. How different radices are written when the digits we use are only from **0 - 9**

Radix 13 0 1 2 3 4 5 6 7 8 9 A B C

Radix 16 0 1 2 3 4 5 6 7 8 9 A B C D E F (Called Hexadecimal used in computing)

2. That all values are triangular is easily proved.

This section proves why the values of the **Hexagon** and **Hexagram** are reflective. The hexagons and Hexagrams are **only those** that are related to the radixes of **4, 7, 10, 13** etc

The formula for **this** group of **Hexagon** elements = $3a^2 + 3a + 1$

The formula for **this** group of **Hexagram** elements = $6a^2 + 6a + 1$.

We have $r = 3a + 1 = a + b$, and $b = 2a + 1$.

The following divisions reveal why $ab_r = ba_r$ i.e. digit reflections.

The radix $r = 3a + 1$, and $b = 2a + 1$

$(3a^2 + 3a + 1) / (3a + 1)$ The **Hexagon** formula divided by the **Radix**
= The Quotient = **a**. The Remainder is $2a + 1 = b$.

$(6a^2 + 6a + 1) / (3a + 1)$ The **Hexagram** formula divided by the **Radix**
= The Quotient = $2a + 1 = b$. The Remainder is **a**.

By dividing by **the radix** we get the **digit reflections** in that particular radix.

From everything that you have just read it is very clear that **The Creator of all things** has not left Himself without a witness in this secular age.

People demand Proof from Science.

Now **Mathematics** is the only Science that does not need to experiment with its findings. **The Proof** you have seen of the **Mathematics** of **Gen 1.1** and **John 1.1** needs a rational explanation, as natural selection is ruled out as a cause for this phenomena on this occasion.

Genesis was penned before the value of the letters were known.

How was Moses to know that what he was writing would have this very precise symmetrical Structure ? **Answer- he did not know, but God did.**

Here is the Atheist's problem, the mathematics is impeccable, the Hebrew and Greek cannot be changed, the numbers are fixed and the symmetry is undeniable. So the only course left to take is drop your prejudice, seek and you will find !

Lets hope, that you reader, will investigate the other proof of **Bible Prophecy** - namely **how the exact time was prophesied when Jesus of Nazareth would present Himself to Israel in the time of the Roman Empire. It is called the " 70 Weeks of Daniel "**

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You should now watch the DVD or read the Seven Unusual Numbers booklet. This will give you the unassailable evidence that you need which proves that **the Bible** is indeed the true revelation to Mankind. It shows by Prime Numbers that the words in Hebrew of **Genesis 1.1** and the Greek words of **John 1.1** are the exactly the right number of words and letters that there should be. No more and no less !

Now what can we say about **the Messiah - Jesus Christ ?**

The Religions of Ancient Rome **could not compete**
with **the promise of the God of Israel -**
the promise of **Eternal life in the Kingdom of God**
and with the entrance into **his Kingdom** having been paid for
by **the blood of His Christ - His own Son.**

The Promise is the free gift of eternal life.

You cannot work for it.

They said to Jesus,

“ What must we do, to do the works of God ?”

Jesus answered them,

**“ This is the work of God, that you believe
in him **whom He has sent.**”**

All the Prophets from Moses, Isaiah, Jeremiah

never spoke like this Man !

The Prophets all confessed their Sins but this man never gave
the slightest hint that he was a sinner, for in Christ the
‘ whole fulness of the Deity dwells bodily ’

Also He made **the most amazing statements**

that no Prophet had ever uttered:

Jesus said to them

**“ you will die in your sins *unless*
you believe that I am He ”**

**“ I say to you, if anyone keeps my word,
he will never see death ”**

**“ I am the Resurrection and the life;
he who believes in me,
though *he die*, yet shall he live [New life],
and whoever *lives* [in this New Life]
and believes in me shall never die.**

Do you believe this ?”

All this information and much more is
contained in the book (over 460 pages)

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