



The Persuasive Powers
of the

CREATION GEOMETRIES

by
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This photo album draws attention to the fact that
the most famous and widely read of books

THE BIBLE

begins in a numerically dramatic fashion – its
opening Hebrew words delivering an irresistible
challenge to all who would disdain its fundamental
assertion – “In the beginning God created the
heaven(s) and the earth”.

In the **numerical geometries** which follow, the
intentional work of a Supernatural Hand is clearly
revealed – its Owner, Jesus Christ, the Creator.

The fair conversion of Hebrew and Greek words to numbers is accomplished using one or other of the schemes of alphabetic numeration introduced (for reasons of utility) during the centuries preceding the Incarnation. Both systems are described in the slides which follow accompanied by relevant examples of their use.

The term **Characteristic Value (CV)** is given to the numbers thus derived from the Bible's words and verses.

A summary of the input data is provided in a slide preceding the exhibition of the Creation Geometries.

8	7	6	5	4	3	2	1
200 90	200 90	400 1	300 40 10	400 1	40 10 5 30 1	200 1	400 10 300 1 200 2
וְהָאָרֶץ:	הָאָרֶץ:	וְאֵת	הַשָּׁמַיִם	אֵת	אֱלֹהִים	בָּרָא	בְּרֵאשִׁית
earth the And	earth the	and	heaven the	—	God	created	beginning the In
302	296	407	395	401	86	203	913

The Bible's first 8 words and their reading as numbers

Position:	1	2	3	4	5	6	7	8	9	10	11
Letter:	א	ב	ג	ד	ה	ו	ז	ח	ט	י	כ
Numeral:	1	2	3	4	5	6	7	8	9	10	20
Position:	12	13	14	15	16	17	18	19	20	21	22
Letter:	ל	מ	נ	ס	ע	פ	צ	ק	ר	ש	ת
Numeral:	30	40	50	60	70	80	90	100	200	300	400

1	2	3	4	5	6	7	8	9
⁵ <i>Εν</i>	⁵⁰ <i>αρχῇ</i>	¹ <i>ἦν</i>	⁸ <i>ὁ</i>	⁵⁰ <i>λόγος,</i>	²⁰ <i>καὶ</i>	¹⁰ <i>ὁ</i>	³⁰ <i>λόγος</i>	⁸ <i>ἦν</i>
In (the) beginning		was	the	Word,	and	the	Word	was
55	719	58	70	373	31	70	373	58

10	11	12	13	14	15	16	17
⁸⁰ <i>πρὸς</i>	¹⁰⁰ <i>τὸν</i>	²⁰⁰ <i>θεόν,</i>	³⁰⁰ <i>καὶ</i>	⁷⁰ <i>θεὸς</i>	⁵⁰ <i>ἦν</i>	⁷⁰ <i>ὁ</i>	³⁰ <i>λόγος.</i>
with	-	God,	and	God	was	the	Word.
450	420	134	31	284	58	70	373

The numerical reading of the 17 words of John 1:1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<i>Αα</i>	<i>Ββ</i>	<i>Γγ</i>	<i>Δδ</i>	<i>Εε</i>	<i>Ζζ</i>	<i>Ηη</i>	<i>Θθ</i>	<i>Ιι</i>	<i>Κκ</i>	<i>Λλ</i>	<i>Μμ</i>	<i>Νν</i>	<i>Ξξ</i>	<i>Οο</i>	<i>Ππ</i>	<i>Ρρ</i>	<i>Σσς</i>	<i>Ττ</i>	<i>Υυ</i>	<i>Φφ</i>	<i>Χχ</i>	<i>Ψψ</i>	<i>Ωω</i>
1	2	3	4	5	7	8	9	10	20	30	40	50	60	70	80	100	200	300	400	500	600	700	800

Reader, please note:

An explanatory background to the EXHIBITS which follow may be found in the author's book

The Second Edge

A Role for Numerical Coincidence
in the Pursuit of Truth

which may be freely downloaded from

www.whatabeginning.com/book.pdf

A SUMMARY OF THE INPUT DATA

The EXHIBITS recorded in the following pages derive from 4 scriptural sources:

1. The Bible's first Hebrew verse of 7 words – represented here as **G**
2. The Bible's first 8 words – represented here as **G+**
3. The Creator's Name and Title – as it is found in NT Greek
4. The 2nd biblical view of Creation (**J**) as recorded in the 17 words of John 1:1

Here are these details:

G = 913, 203, 86, 401, 395, 407, 296; their sum $\Sigma G = 2701 = 37 \times 73$

G+ = 913, 203, 86, 401, 395, 407, 296, 302; $\Sigma G+ = 3003 = 3 \times 7 \times 11 \times 13$

Name (**Jesus**) = 888 = $24 \times 37 = 3 \times 296$; Title (**Christ**) = 1480 = $40 \times 37 = 5 \times 296$

Creator (**Jesus Christ**) = 2368 = $64 \times 37 = 8 \times 296$

J = 55, 719, 58, 70, 373, 31, 70, 373, 58, 450, 420, 134, 31, 284, 58, 70, 373

$\Sigma J = 3627 = 39 \times 93 = 3^2 \times 13 \times 31$

THE EXHIBITS

A: Jigsaw-based

B: Triangle-based

C: Star-based

D&E: Tessellation-based

ADDENDA

Universal Constants

The A4 Enigma

The Jigsaw-based Geometries

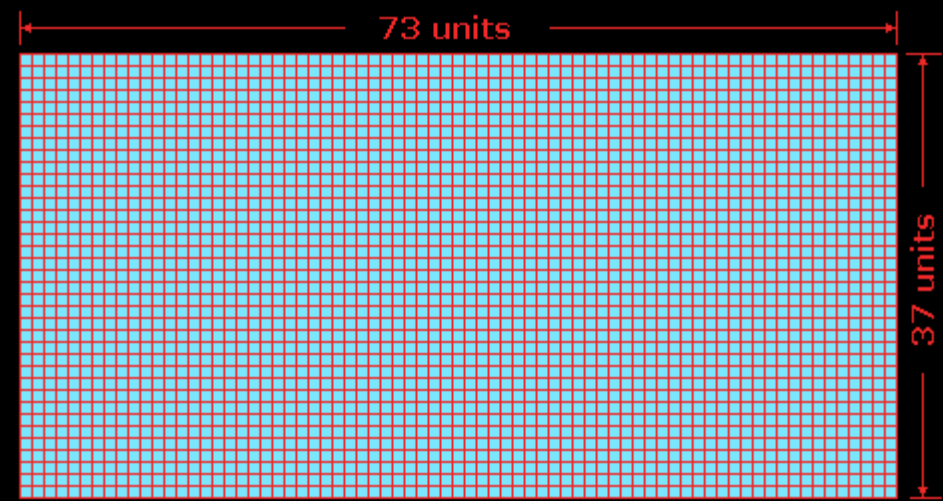
The simplest numero-geometrical expression of G (the CV of the Bible's first verse) is a rectangle of 2701 unit squares – its dimensions 37x73. Observe that because the CVs of words 6 and 7 are also multiples of 37, they may be represented as fully-formed rectangles within this larger figure; and the CVs of the remaining 5, as rectangles augmented or diminished by a multiple of 6.

Remarkably, these pieces interlock as parts of a jigsaw puzzle to form a further 4 multiples of 37. This leads to the understanding that the prime number 37 is a prolific factor among the 127 combinations of word CVs that occur within the verse. In particular, we observe that the CVs of the first 5 words divide equally, thus: $913 + 86 = 203 + 401 + 395 = 999$. This phenomenon features in a number of the alternative geometries.

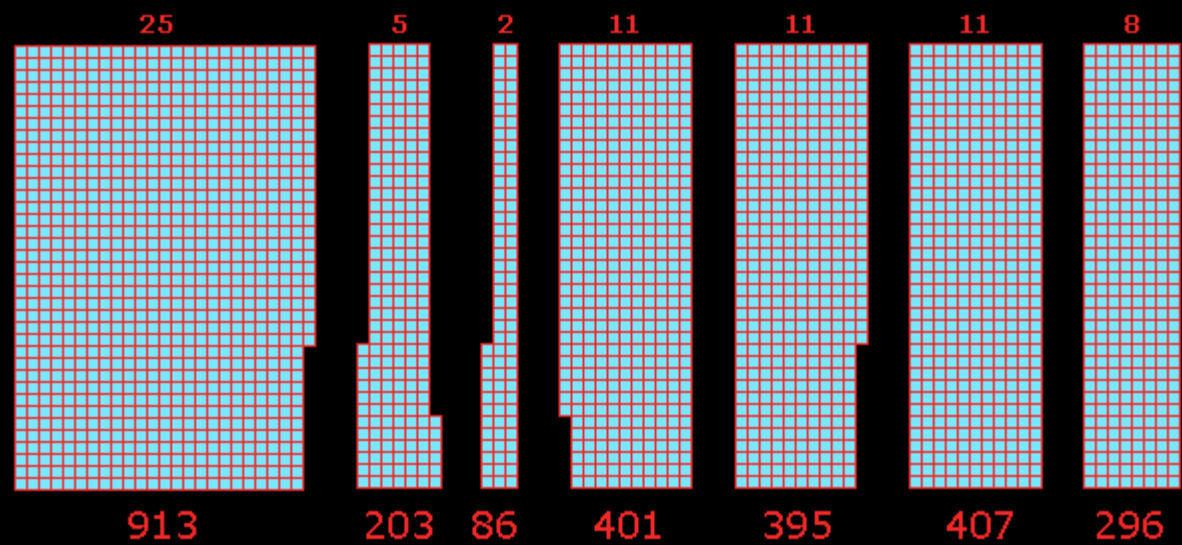
EXHIBIT A1

The simplest absolute expression of 2701 (CV of Genesis 1:1) is the accompanying 37x73 rectangle of unit squares.

Within this, the 7 word CVs may be represented as rectangles: 407 and 296, fully formed; and the remainder some multiple of 6 more, or less.



A rectangular panel of 2701 unit squares



The opening words of the Bible as tiled panels of height 37

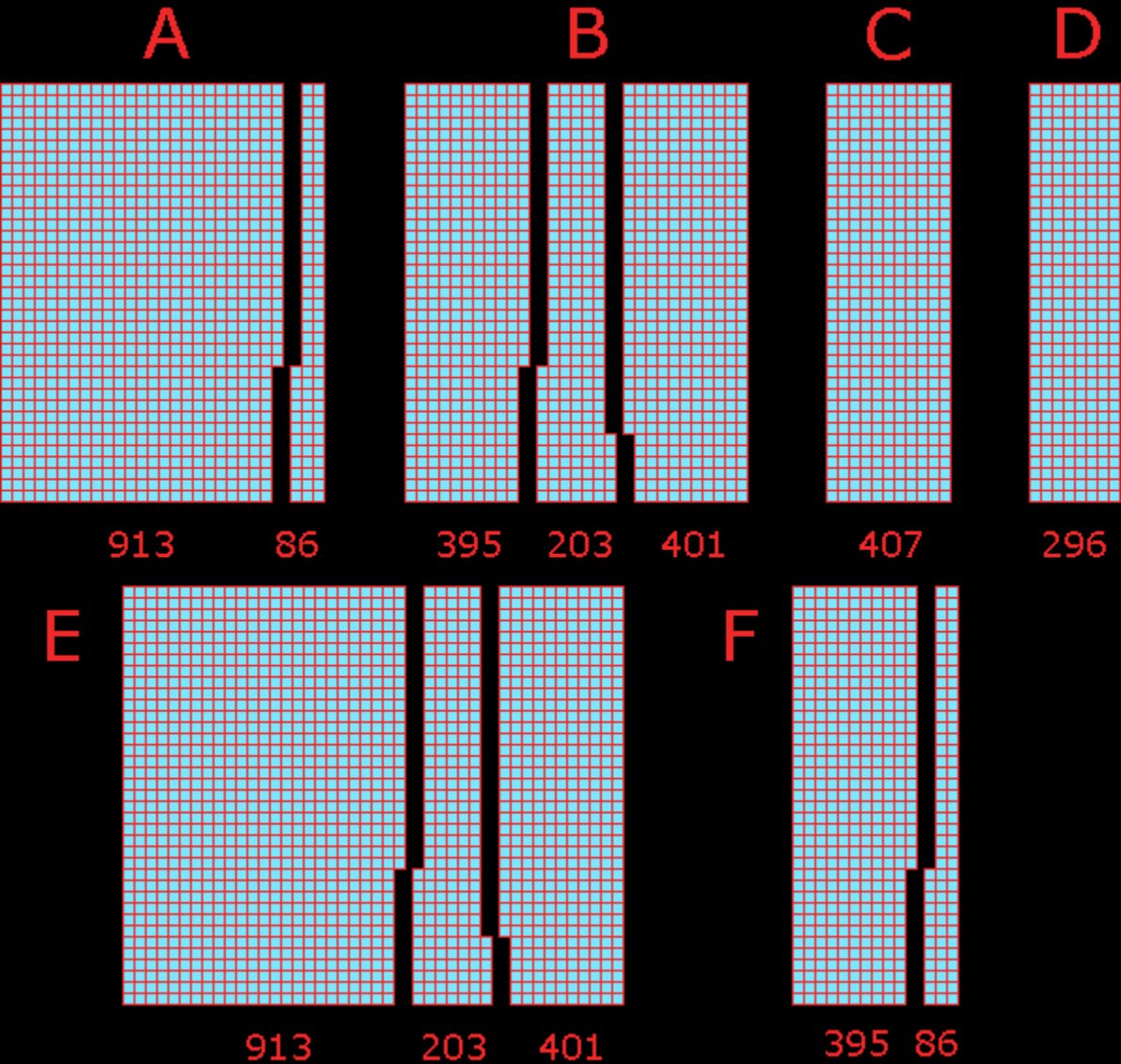
913
203
86
401
395
407
296

2701

EXHIBIT A2

The tiled panels fit together completely as pieces of a jigsaw puzzle in two distinct ways to generate complete rectangles, i.e. multiples of 37.

These outcomes, A+B+C+D and E+F+C+D – each representing the whole verse - imply that it is saturated with multiples of 37 – its principal factor, and factor of both Name and Title of the Creator, Jesus Christ.



913
203
86
401
395
407
296

2701

The basic word combinations which generate multiples of 37

The Triangle-based Geometries

Any number that represents the sum of a sequence of natural numbers, beginning 1, may appear absolutely as a equilateral triangle of uniform circular counters. [The arrangement of the 15 'reds' at the beginning of a game of snooker, is a simple example.]

The numerical triangle is the most primitive member of the **figurate numbers** – i.e. numbers which possess a simple symmetrical shape when expressed as a 2-D or 3-D formation of regular counters (circular or square, spherical or cubic, as appropriate). Clearly, not all numbers are figurate – so this becomes an important criterion when seeking evidence of design in a set of numbers. Observe that 2701 (the CV of Genesis 1:1) is the sum of the numbers named when counting to 73, and therefore triangular – and special, because it possesses an outer skin of 216 (= $6 \cdot 6 \cdot 6$, or 6^3) counters.

EXHIBIT B1

Here is a picture of G (Genesis 1:1) as the 73rd Triangular number of 2701 counters.

The CVs of its 7 words are displayed on the right.

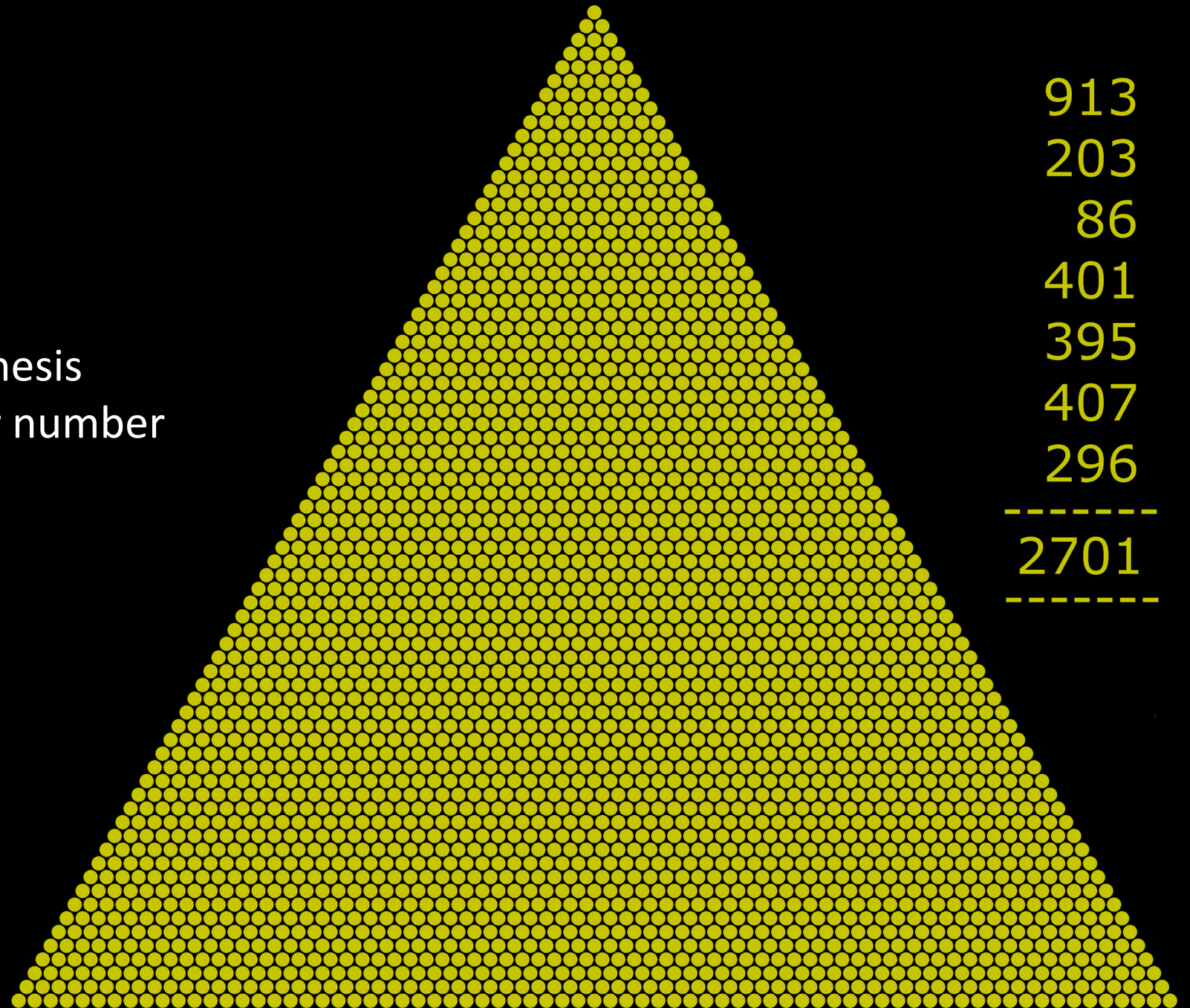


EXHIBIT B2

Contained within this large triangle is another – the 37th - formed from the sum of the CVs of the two final words: $407 + 296 = 703 = 19 \times 37$.

Observe that the bottom row of this inner triangle is the 37th and middle row of the verse triangle.

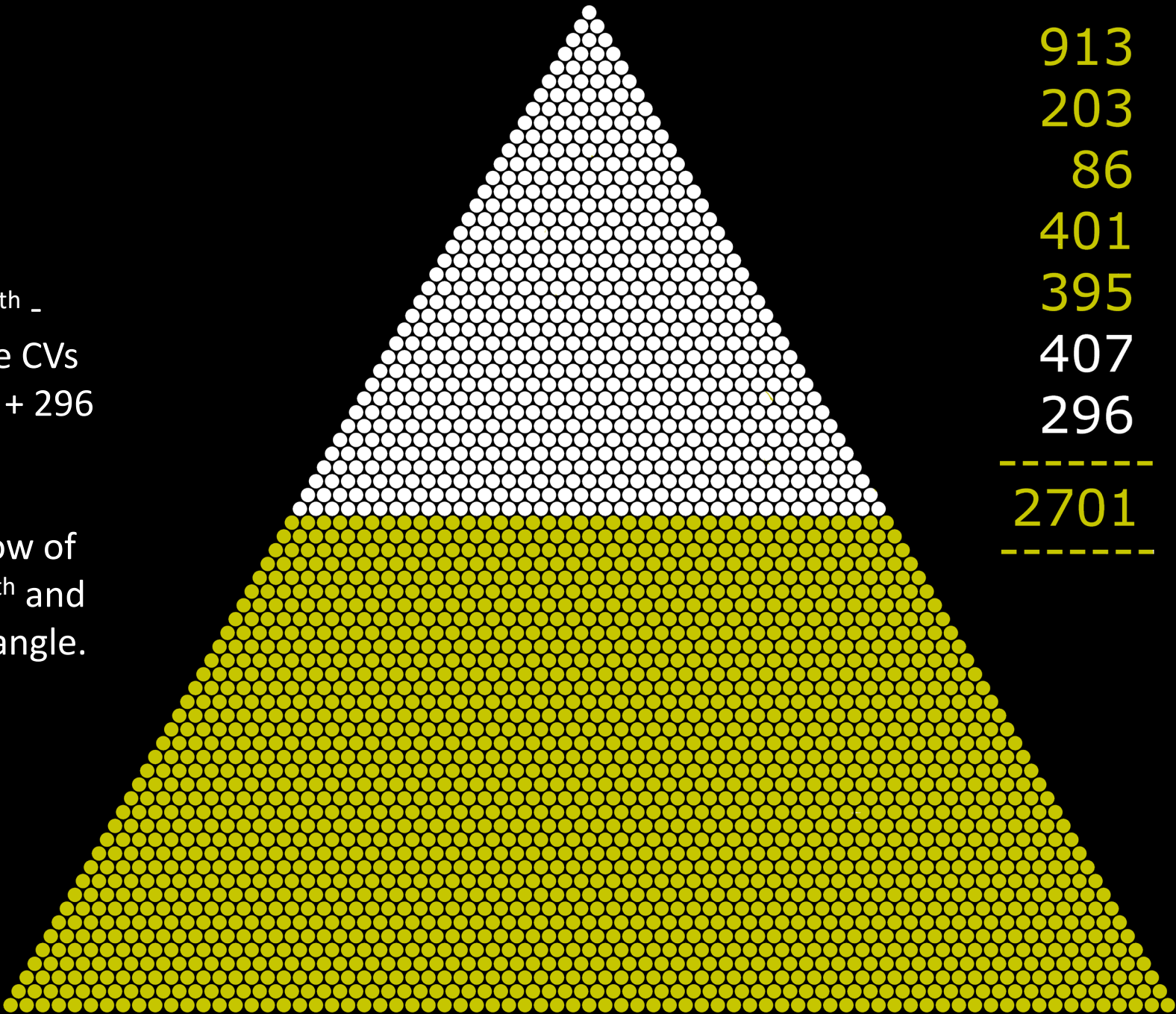


EXHIBIT B3

When the inner triangle is inverted (by rotating it about its bottom row) it is observed to divide the outer area precisely into 3 triangles – each of 666 counters.

Interpreting the inner triangle as an arrowhead, we learn more! The dramatic appearance of this dark numerical feature of the Book of Revelation (13:18) is clearly associated with the direction in which we are prepared to look.

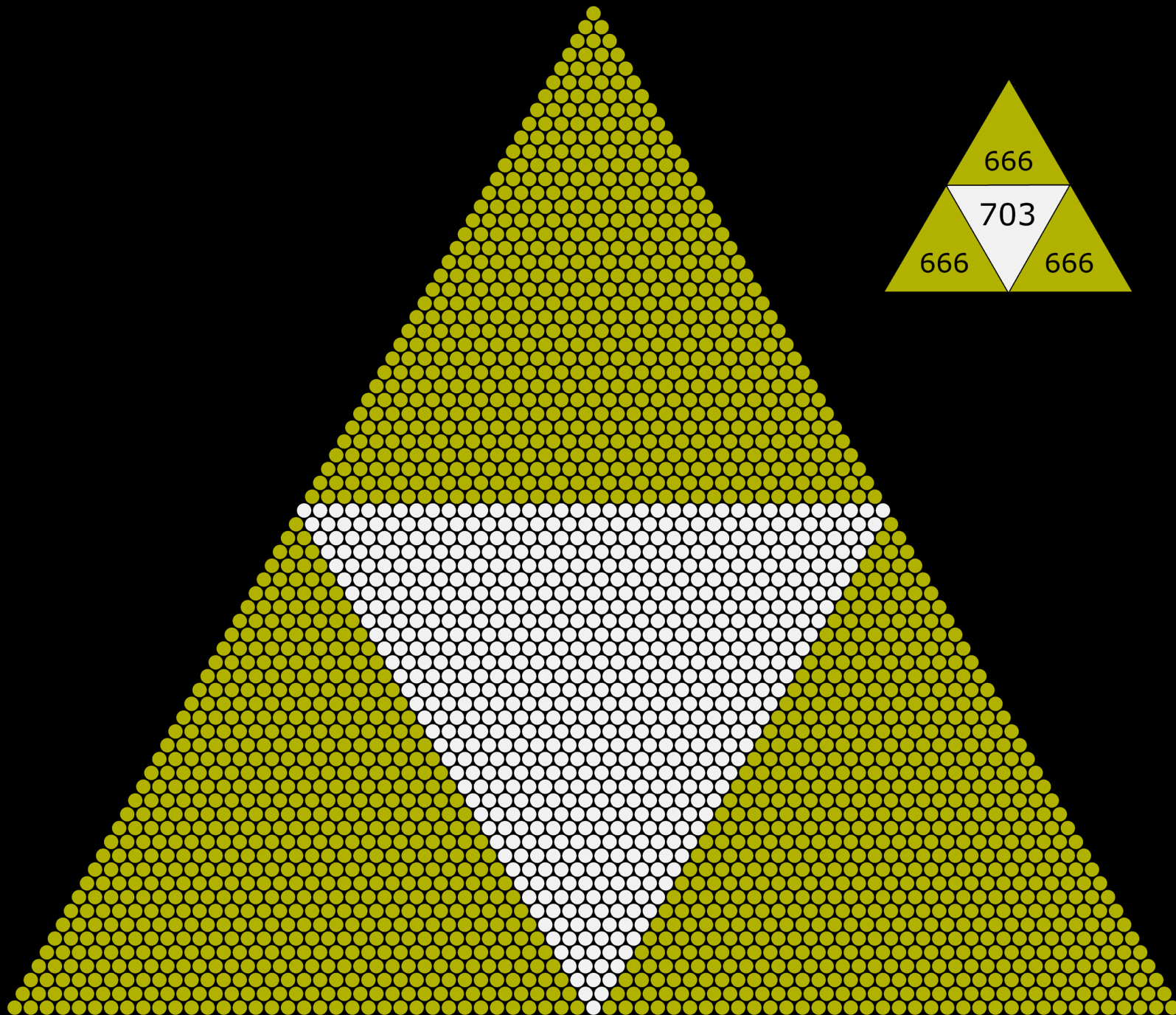


EXHIBIT B4

The outer skin of the 73rd triangle is composed of 216 or 6x6x6 counters. This is the number of units in the unique cube of side 6; unique because its superficial area is numerically equal to its volume.

$$216 = 6^3 = 6.6.6$$

Peripheral
counters

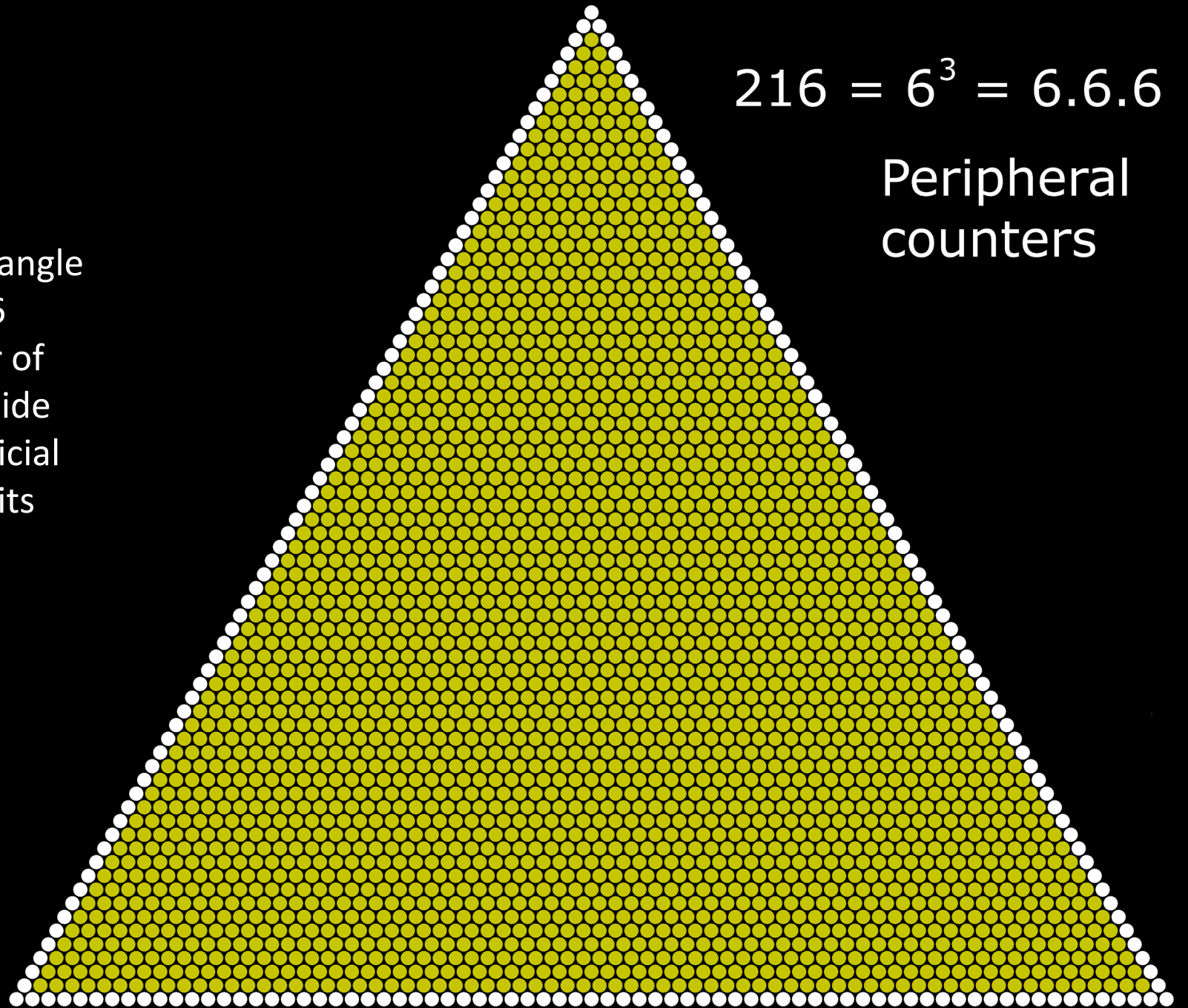


EXHIBIT B5

The 8 opening words of the Hebrew Scriptures incorporate yet another triangular number – the 77th of 3003 counters.

To find that the Bible begins in the company of the three large and nested triangular numbers 703, 2701 and 3003 is clearly most impressive – these features in themselves strongly suggesting design and purpose.

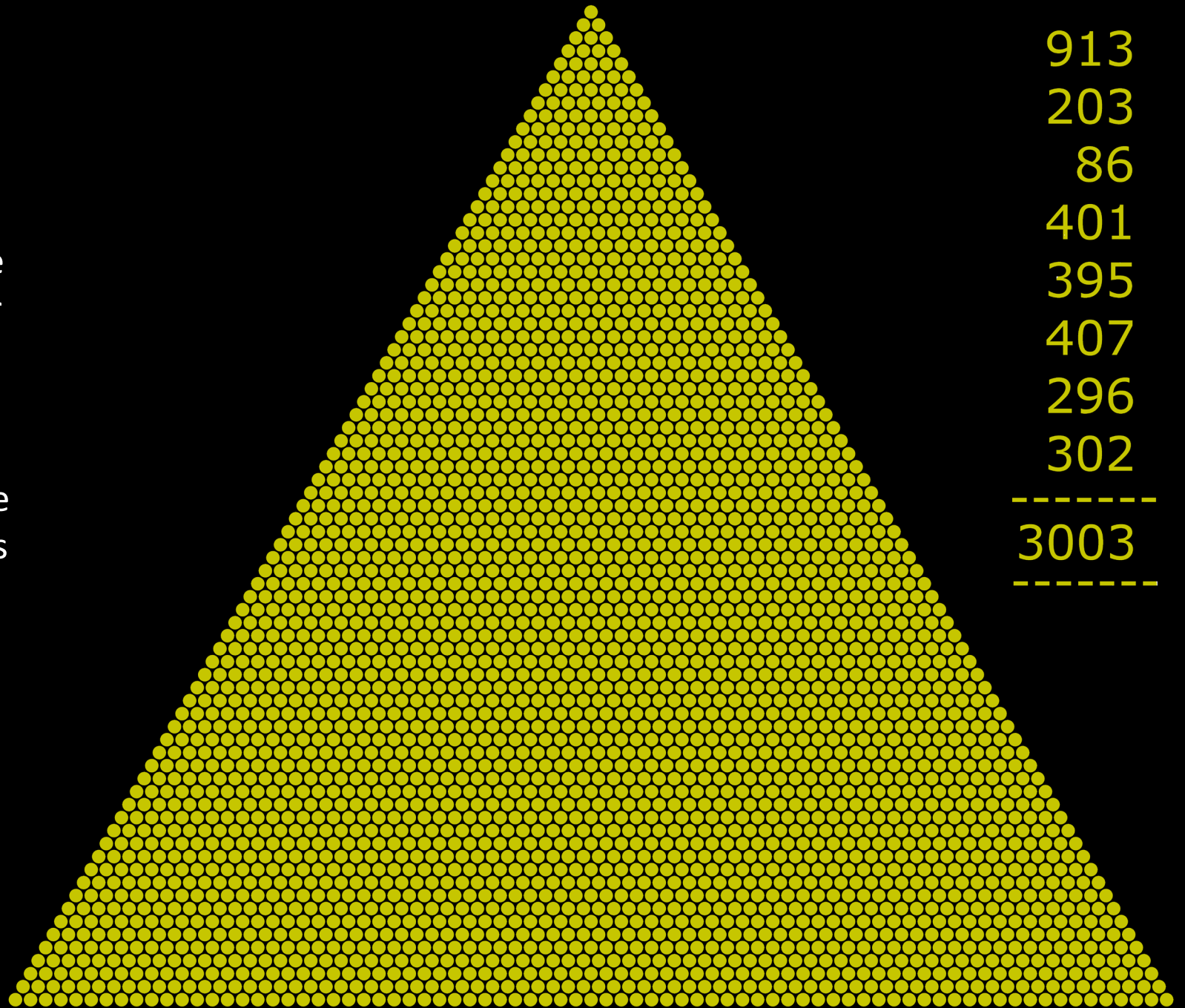


EXHIBIT B6

Here, the 73rd triangle (sum of the CVs of the first 7 words) is shown nested within the 77th.

The impression created is that Genesis 1:1 is protected by a complete outer skin formed from the CV of the Bible's 8th word, 302.

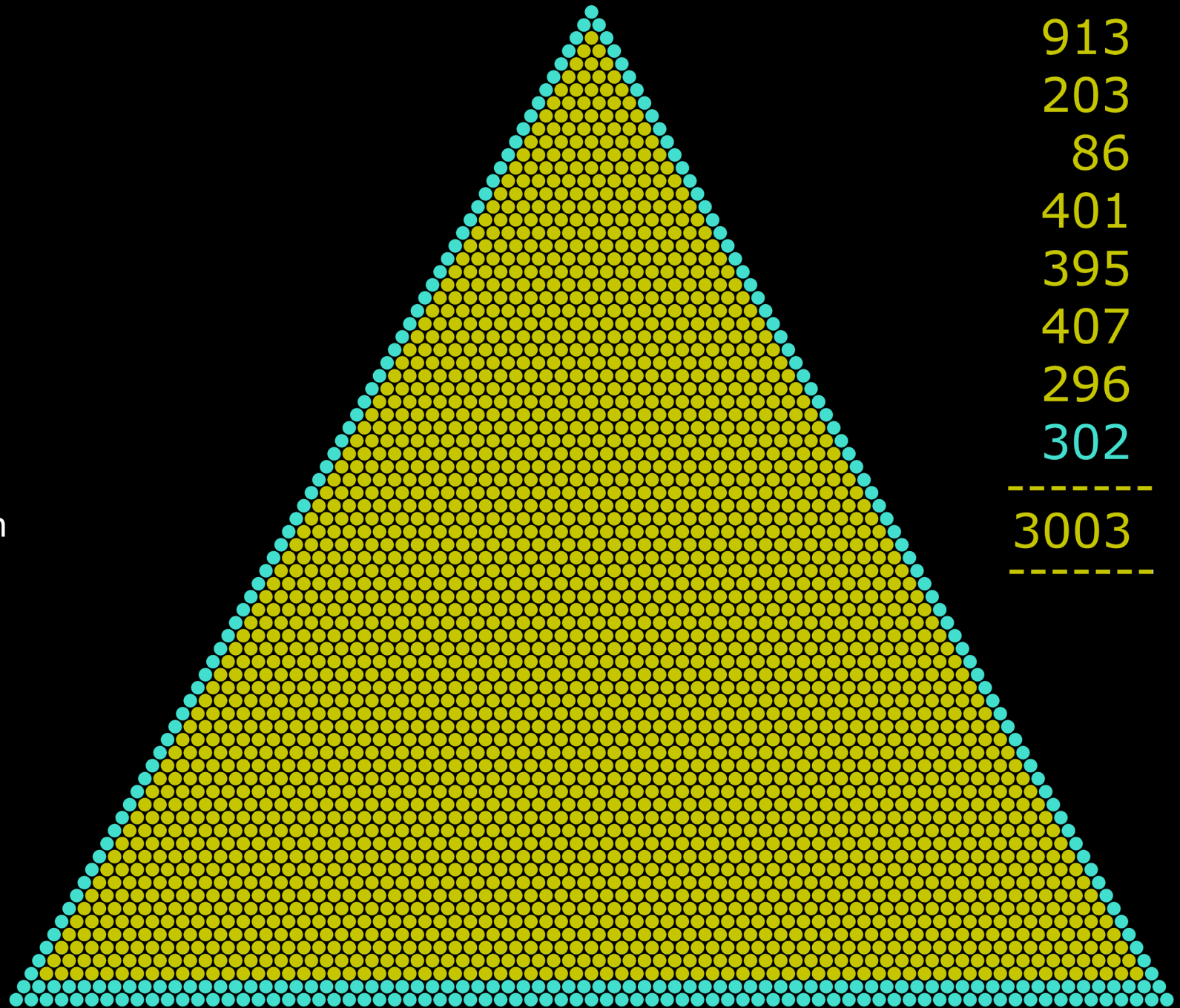


EXHIBIT B7

An adjustment of the inner triangle upward reveals the same word now functioning as a plinth for the Bible's first verse.

Observe that there are 6 triangles represented here.

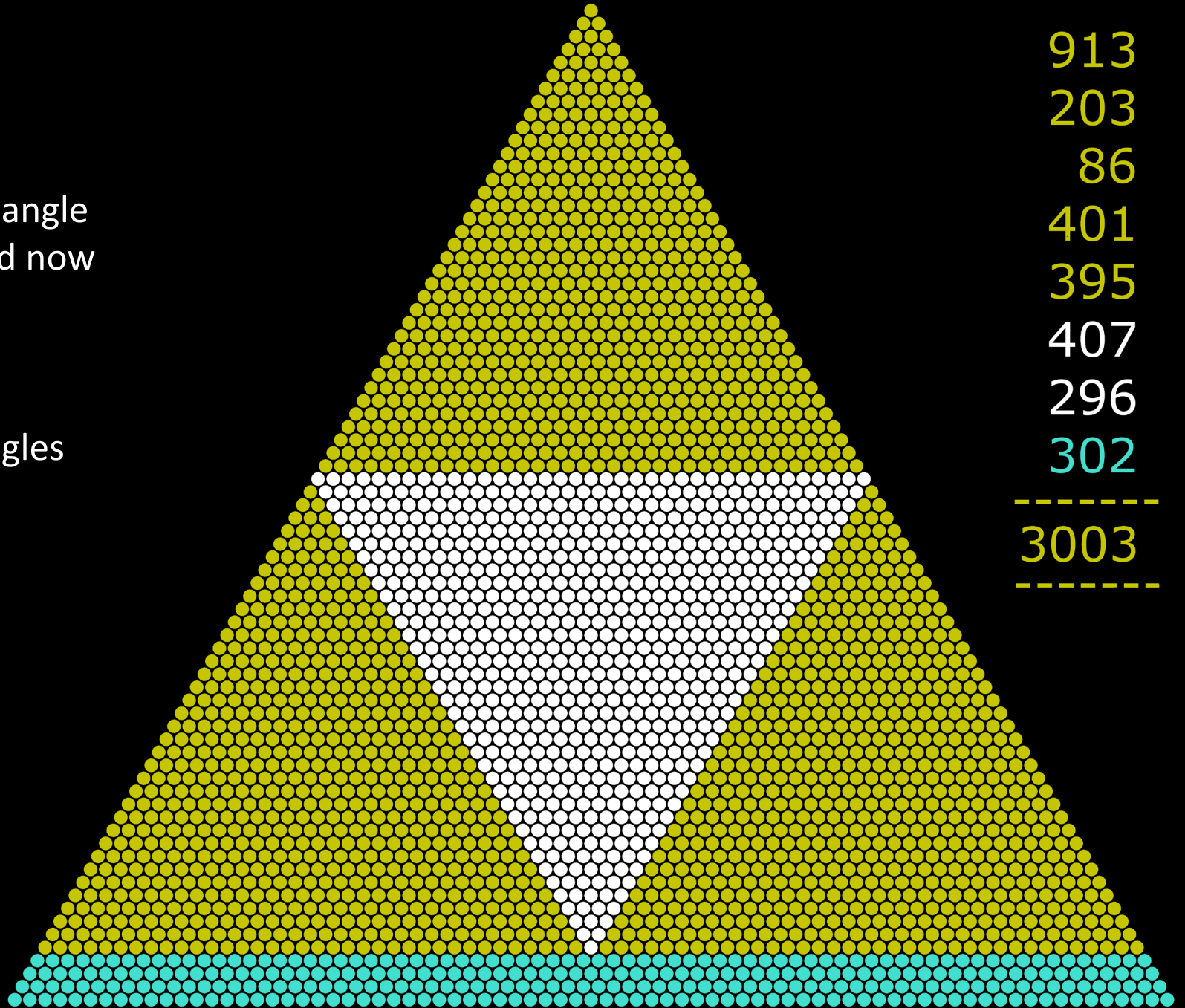


EXHIBIT B8

A further downward adjustment
of the large inner triangle
reveals an umbrella-like covering
formed from the same 302
counters.

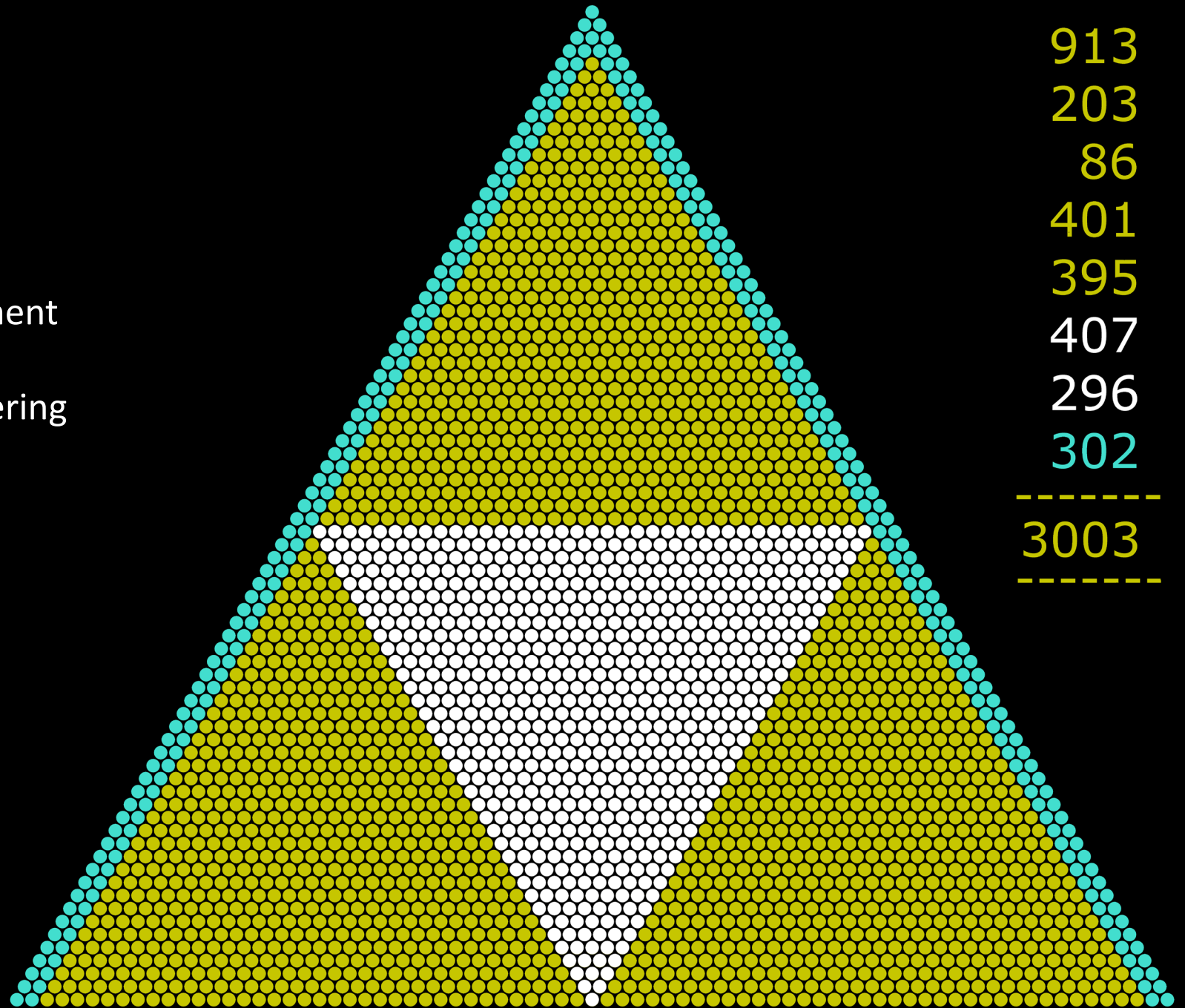


EXHIBIT B9

Observe that a further compatible figure has entered the fray in the form of the 25th numerical hexagon. This happens to be the sum of the CVs of words 5 to 8. But it is also the self-intersection of the 73rd triangle (i.e. of Genesis 1:1), and therefore accommodates the 37th triangle (representing words 6 and 7 – “and the earth”) precisely!

The total is still 3003 - so the additional 302 for the ‘umbrella’ must derive from the earlier words.

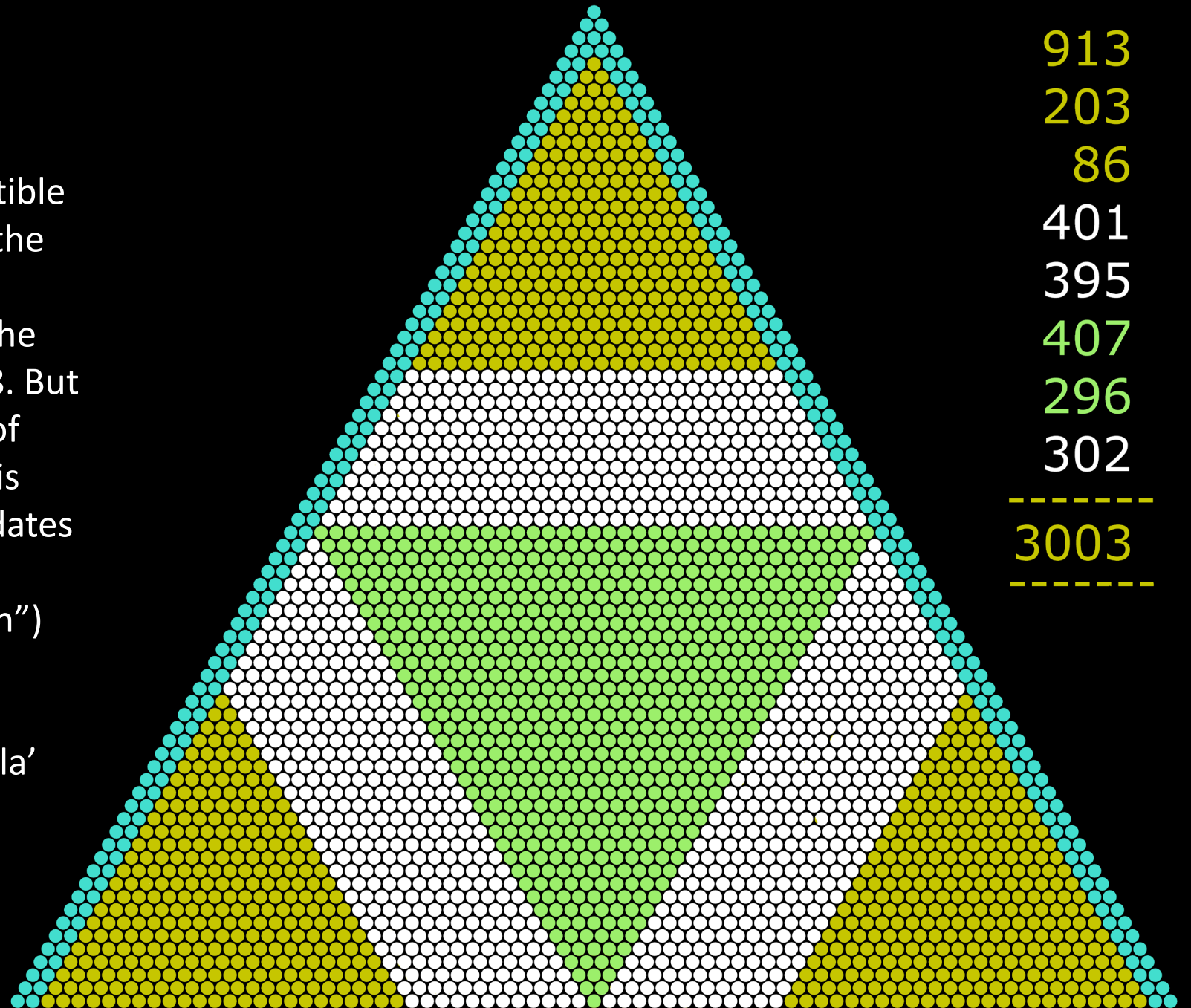


EXHIBIT B10

As before, we may exchange umbrella for plinth.

The inset, far right, reveals the 25th hexagon of 1801 counters as the self-intersection of 2701-as-triangle.

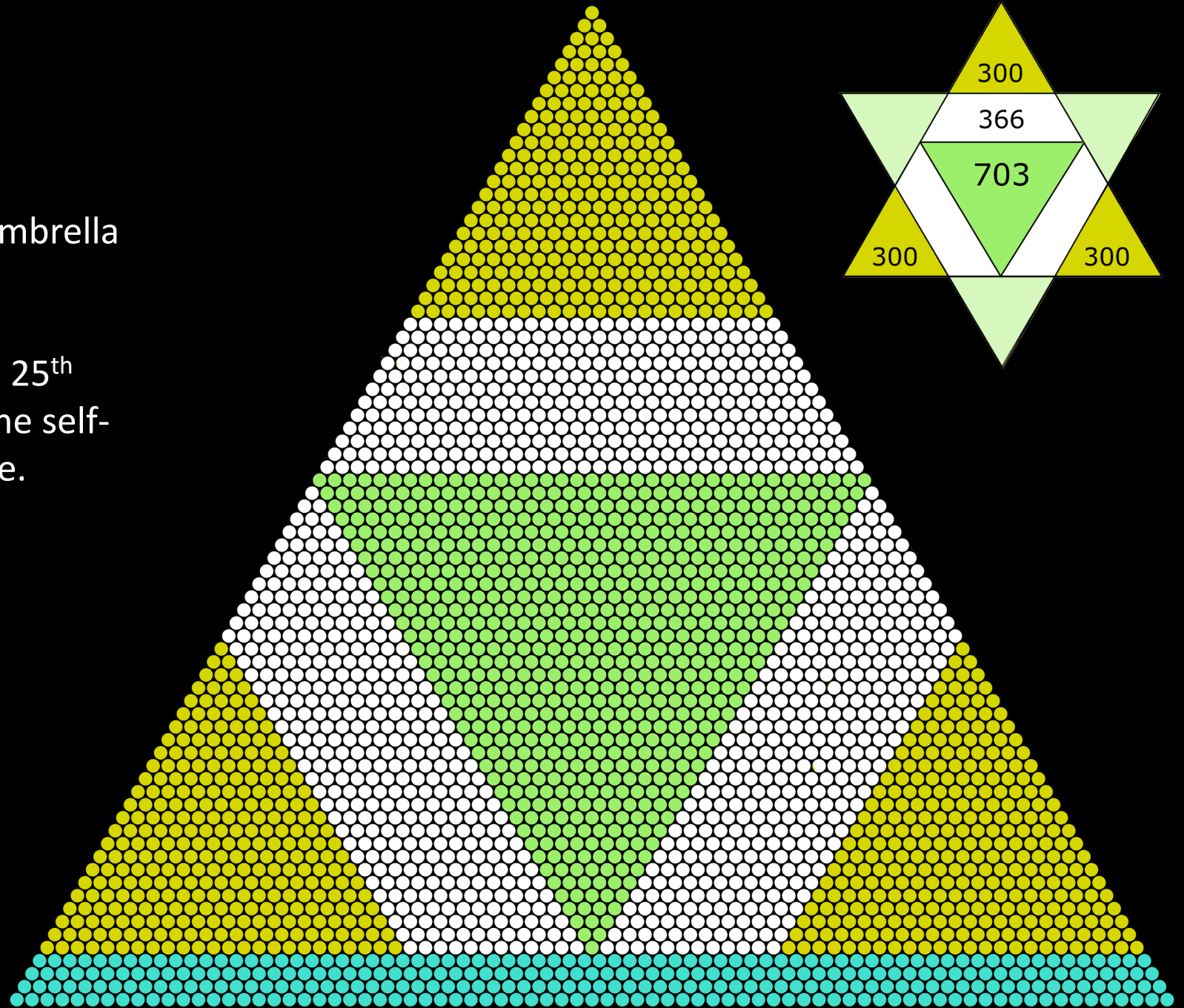


EXHIBIT B11

An interesting phenomenon appears when Genesis 1:1 is partitioned as shown on the right.

From these 3 segments, the following integrated structures arise:

- (1) $(P + Q) + R = 2701$ – the G-triangle
- (2) $(P + R) - Q = 937$ – the number of counters in the 'star' or hexagram
- (3) $(Q + R) - P = 469$ – the number of counters in the blue hexagonal core of the star

The compatibility of these components is quite extraordinary!

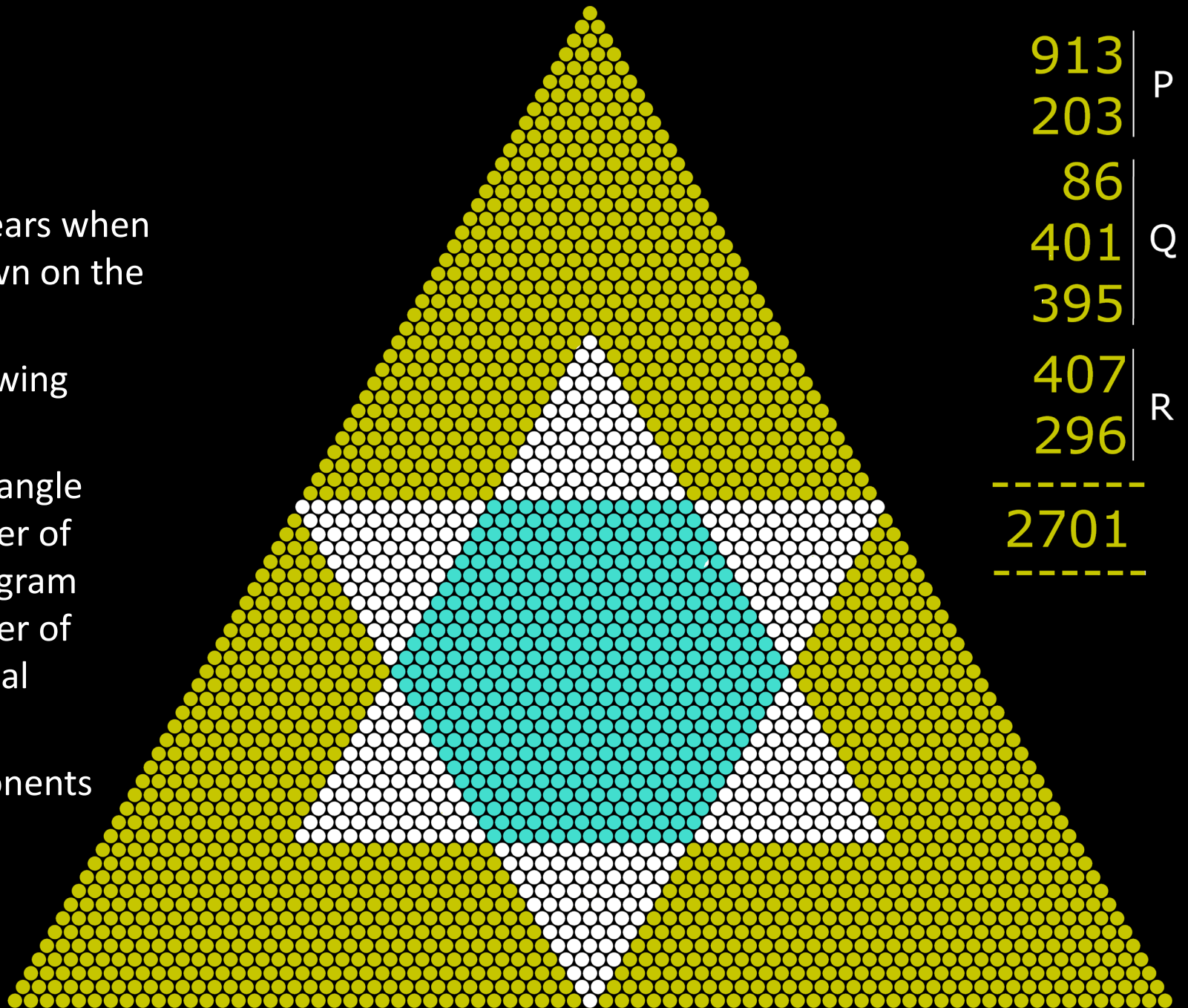


EXHIBIT B12

The union/intersection of 2701-as-triangle is depicted here as 3601/1801, i.e. the large outer star/purple hexagon. It is within this hexagon that we see the union/intersection of 703-as-triangle and the result 937/469, as before.

Observe that the difference between the outer and inner stars = $3601 - 937$
= $2664 = 4 \times 666 = 3 \times 888$.

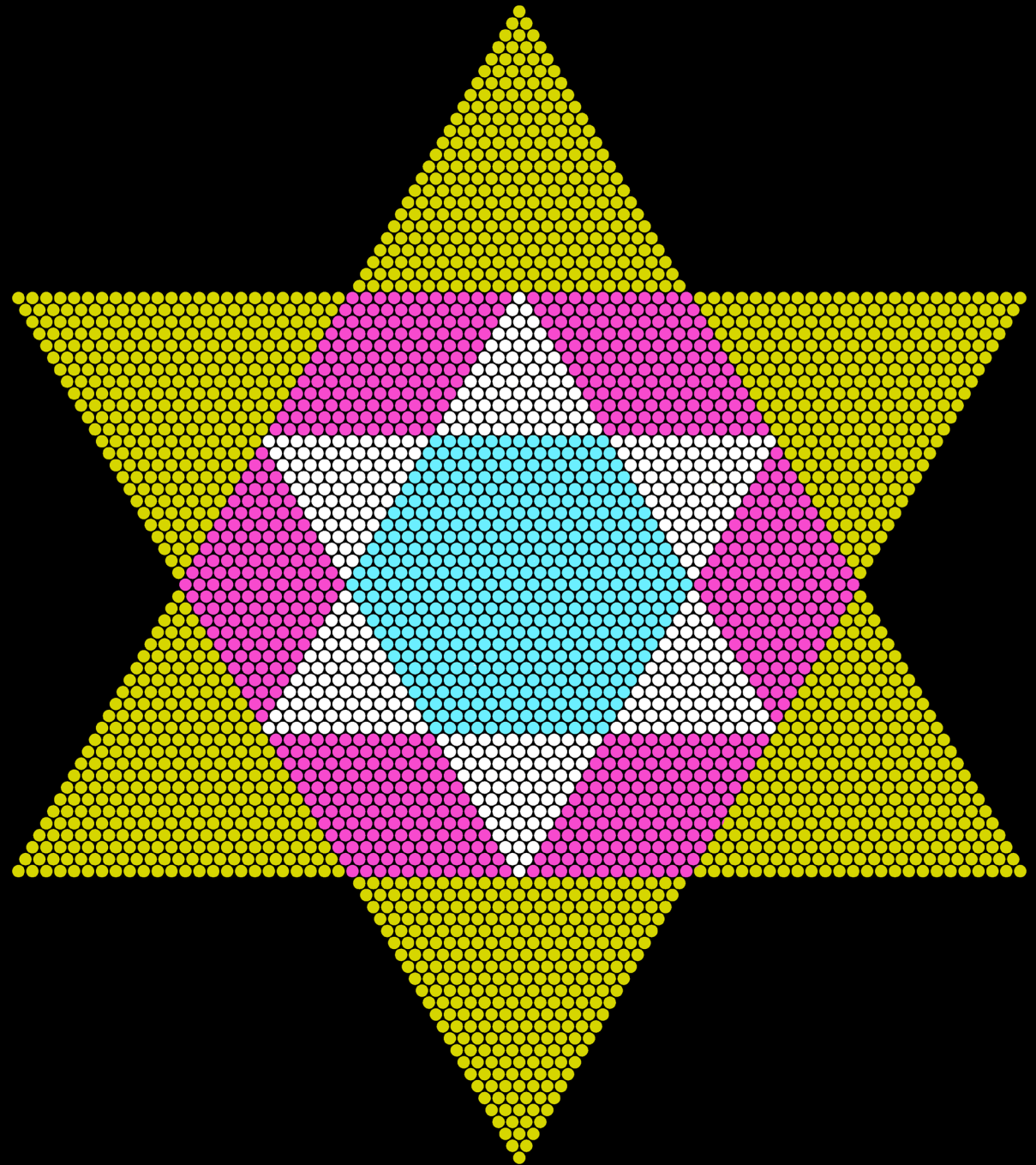


EXHIBIT B13

In this development of the foregoing hexagon of 1801 we see it divided symmetrically into three areas:

Rendered in green, and central to it all, are the 913 counters of the Bible's first word "In the beginning..."

The purple counters total 888.
This is the CV of the Name 'Jesus' as it is evaluated from the Greek of the New Testament.
The diagram therefore conveys the logical message "In the beginning...Jesus, The Creator".

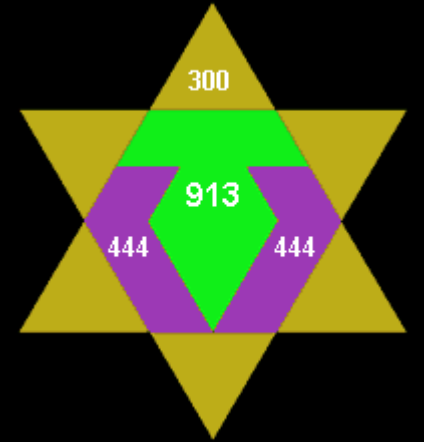
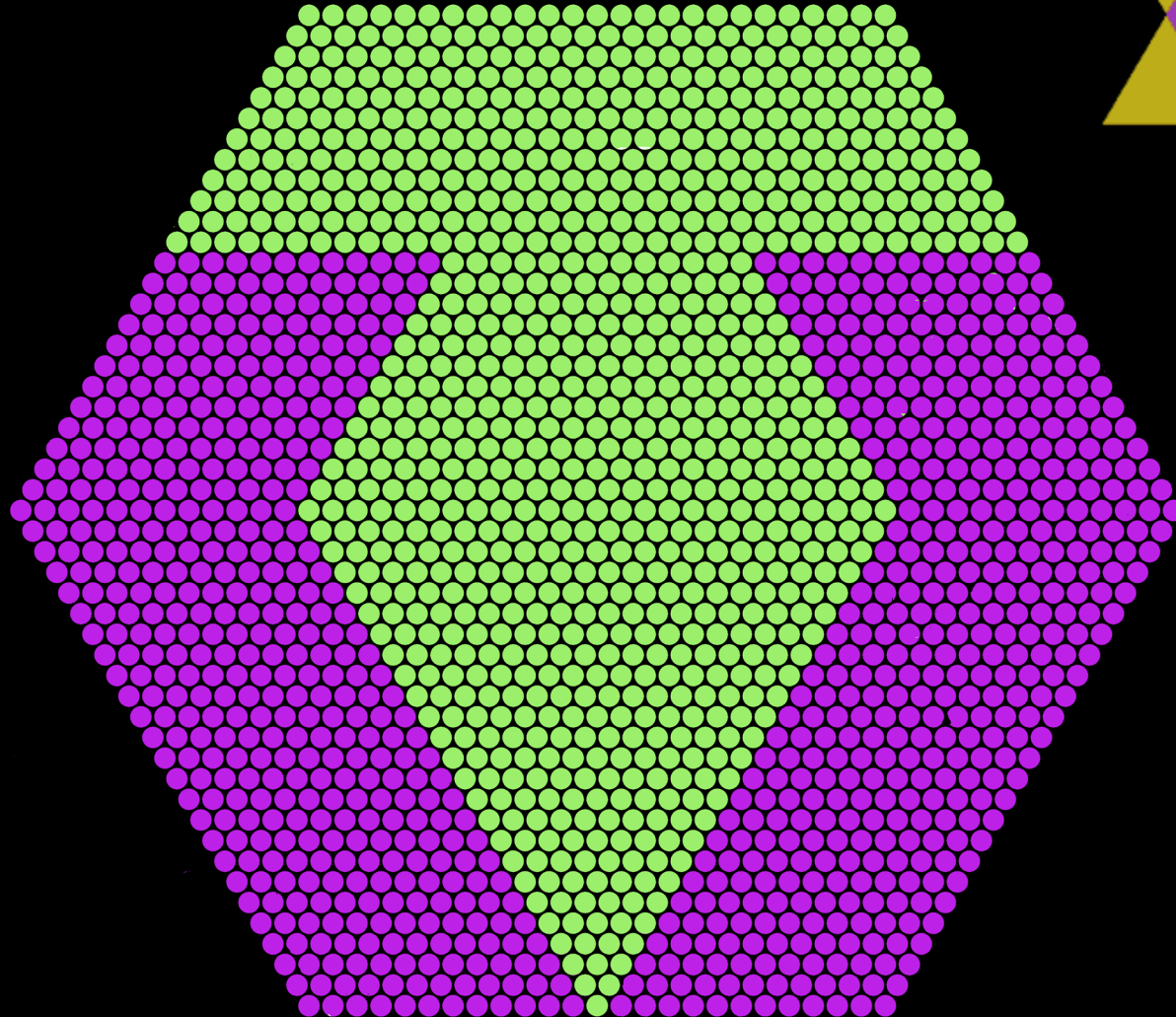


EXHIBIT B14

The CV of the 17 words of John 1:1 = 3627.
Remarkably, this may be represented as a trapezium – the difference between the 112th and 73rd triangles. This leads to two facts of significance:

(1) The sum of the CVs of these 'Creation' verses is the 112th triangular number and, (2) John 1:1 provides a perfect plinth for the Bible's first verse.

The perimeter of this large triangle has 333 counters.

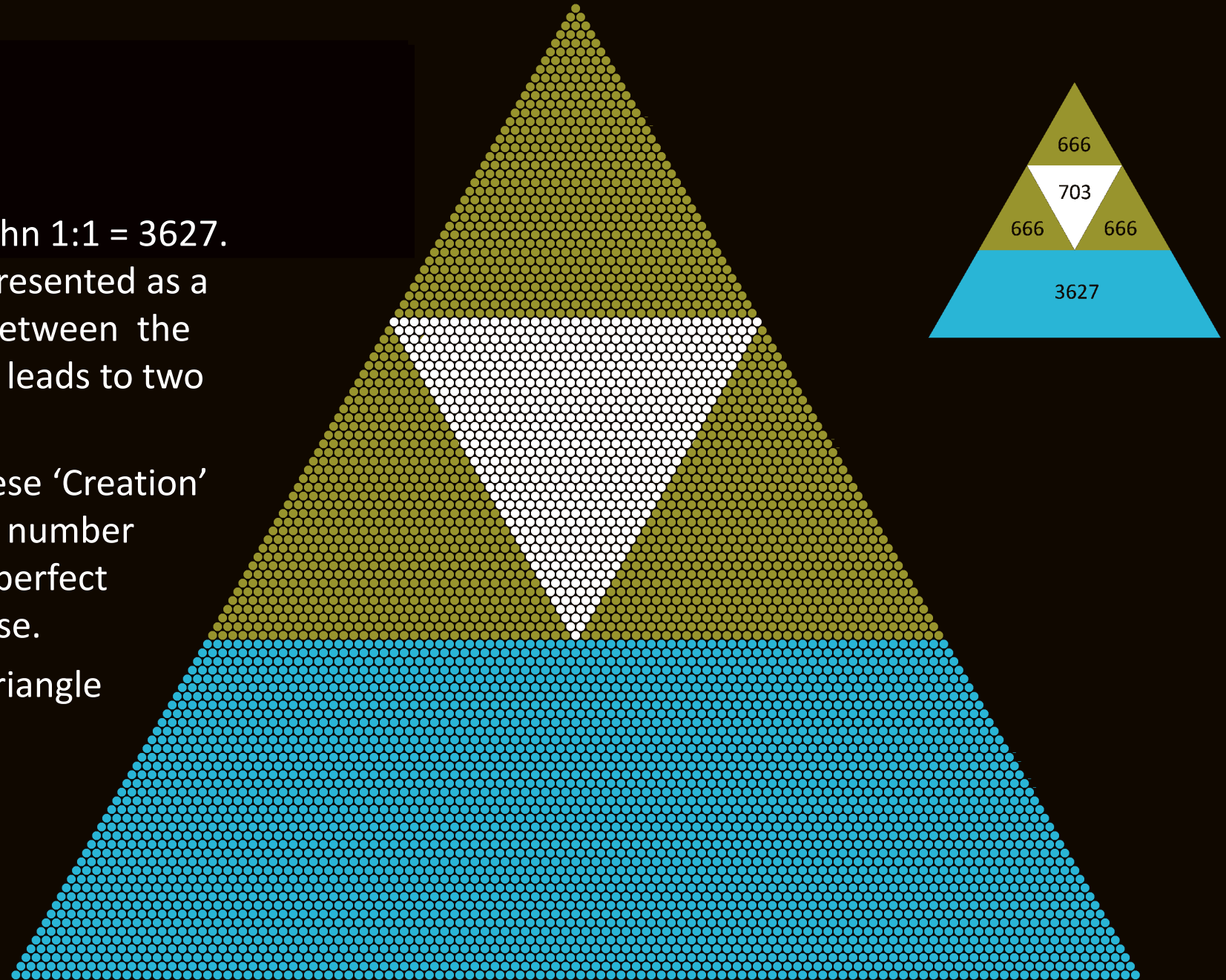
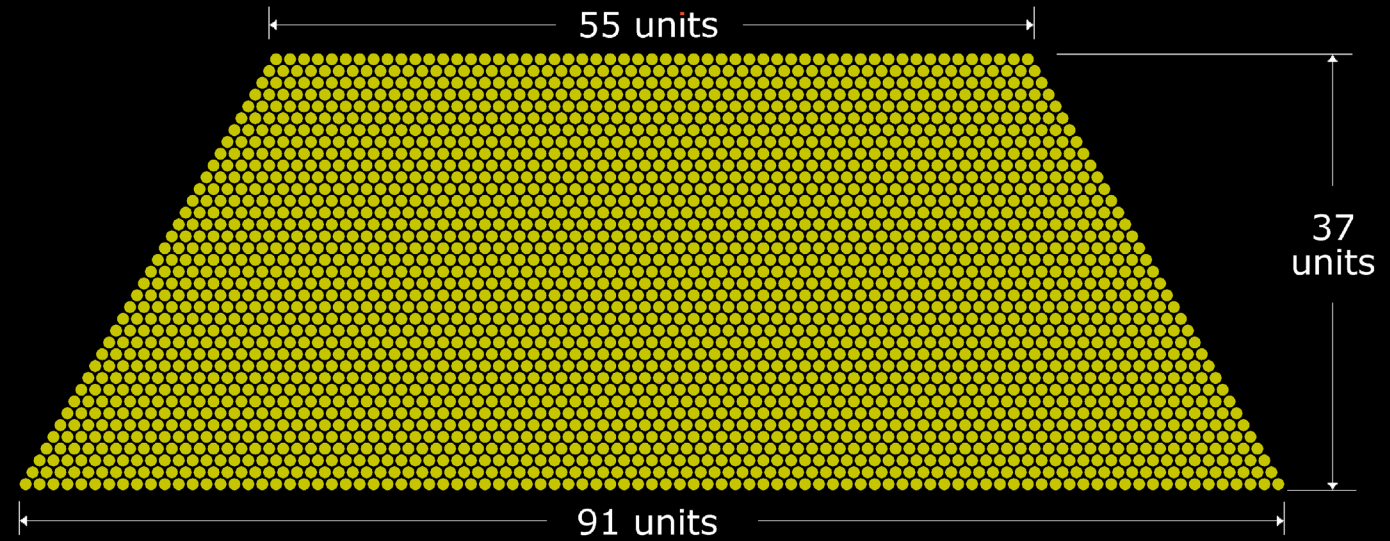


EXHIBIT B15

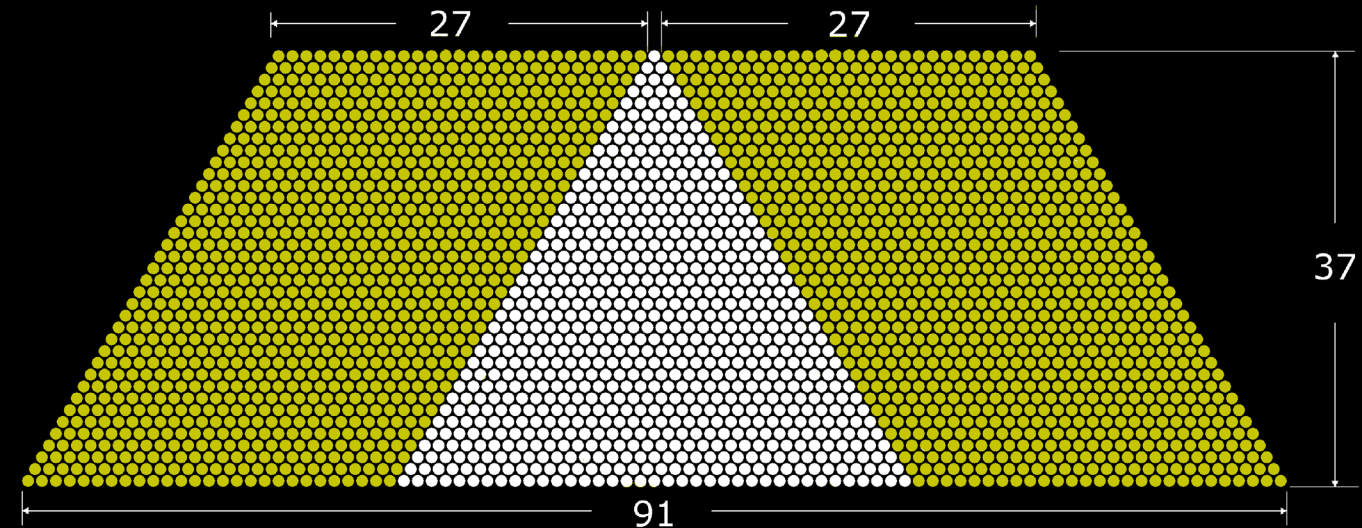
Here is G as a trapezium.

Observe that when 703-as-triangle is incorporated, the figure is divided precisely into 2 equal parallelograms – each of 999 counters and coinciding with word boundaries, thus:

$$913 + 86 = 203 + 401 + 395 = 999$$



2701 as a Trapezium



913
203
86
401
395
407
296

2701

EXHIBIT B16

Here is 2701 as the symmetrical Heptagon formed from parts of the last Trapezium, viz. 2 Parallelograms of 999 and a triangle of 703.

It transpires that this figure is the central element of a larger structure – a 64x64 Rhombus of 4096 counters. This figure is the subject of the next Exhibit.

Notably, it there establishes a clear geometrical link between the Creator (Jesus Christ) and His Creation.

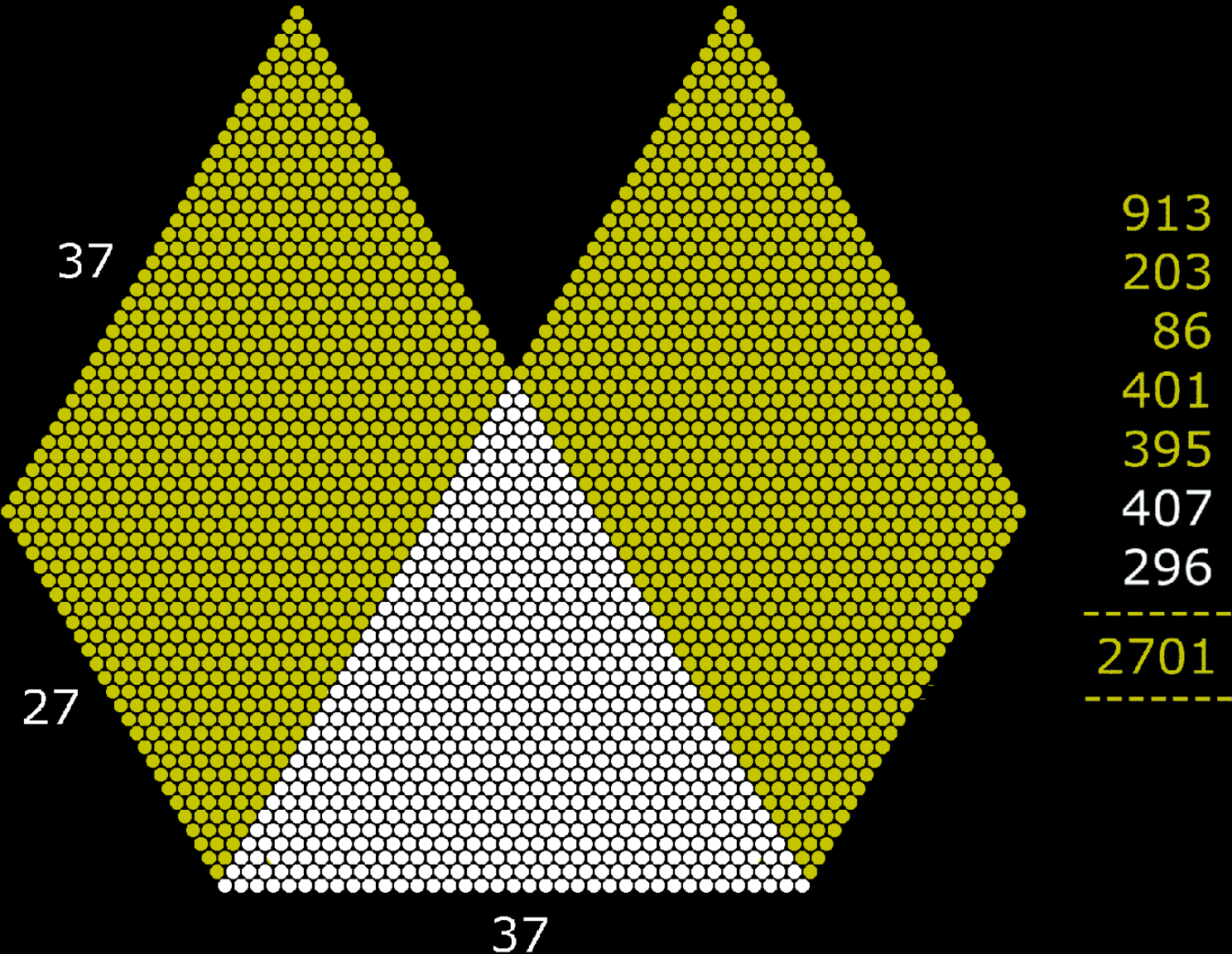


EXHIBIT B17

Observe:

(1) The Heptagon is represented by the formation C-B-C.

(2) The CV of THE CREATOR is 2368, i.e. the formation A-B-C (which occurs twice).

(3) The Rhombi R and D are notable: each being both Square and Cube thus,

$$4096 = 64 \times 64 = 16 \times 16 \times 16$$

$$729 = 27 \times 27 = 9 \times 9 \times 9$$

Legend:

$$A = 666$$

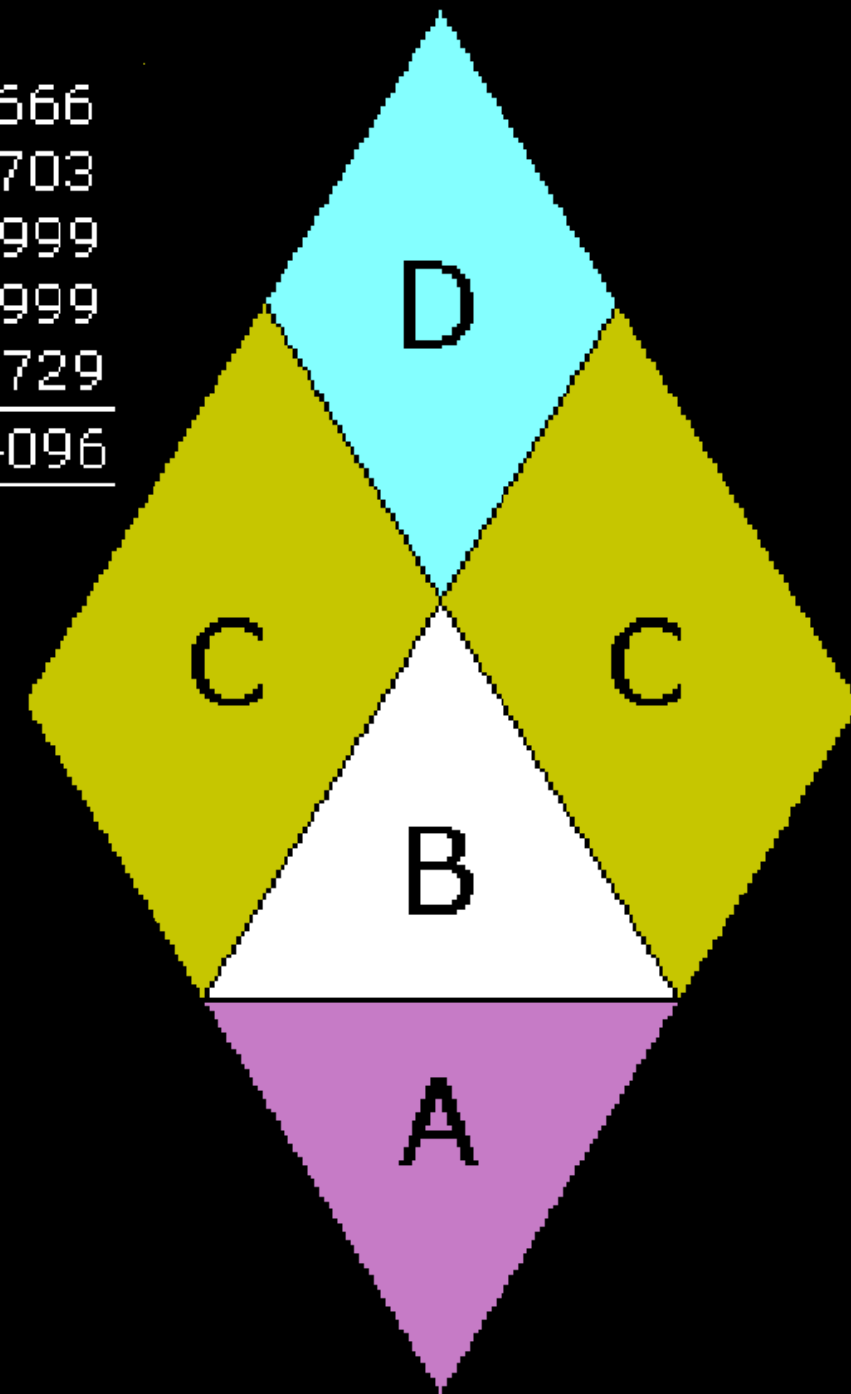
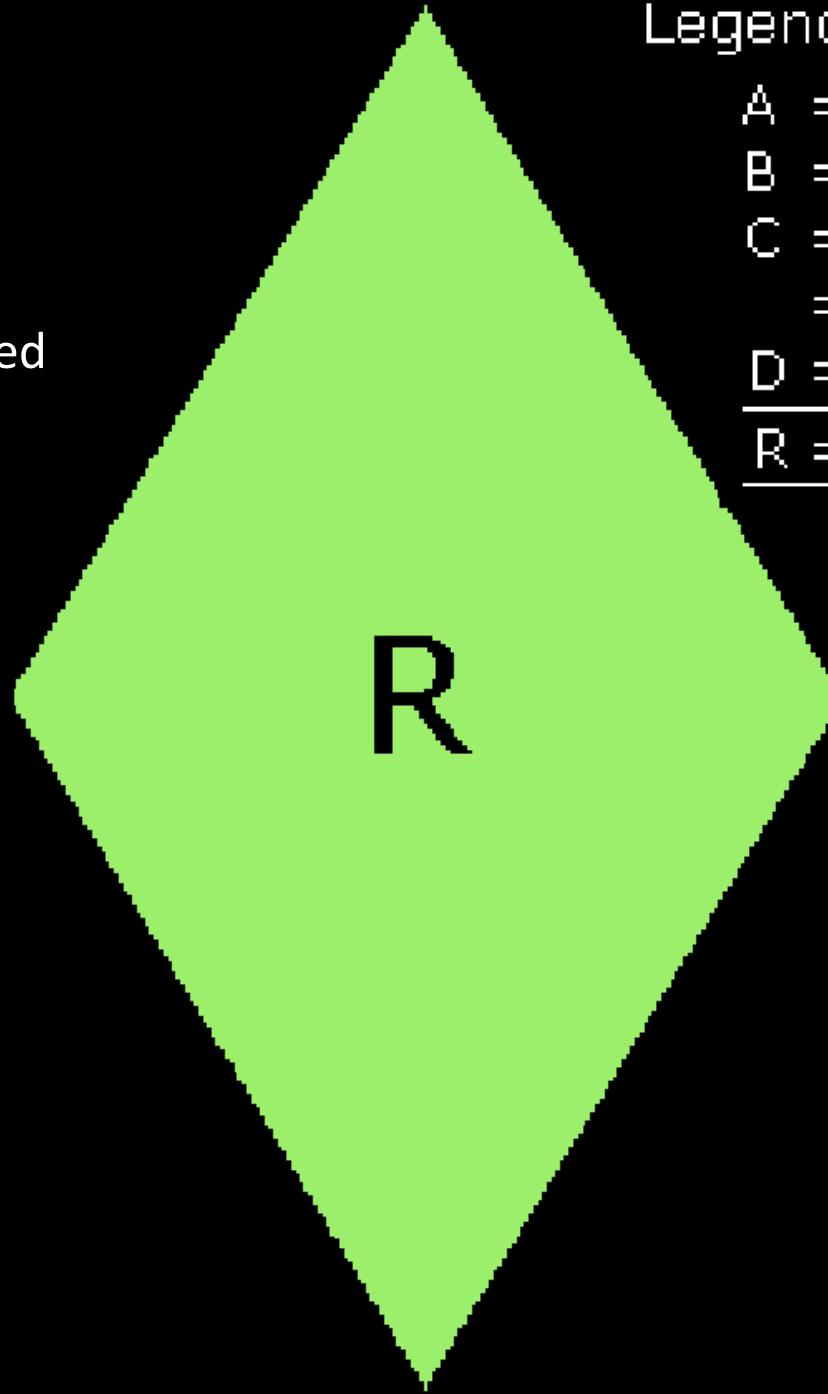
$$B = 703$$

$$C = 999$$

$$= 999$$

$$D = 729$$

$$\hline R = 4096$$



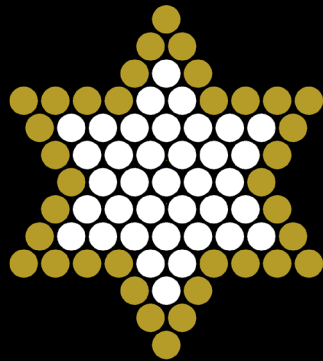
The Star-based geometries

These compound geometries arise when regular hexagram symmetries are found in the factors of the number in question. In respect of $2701 = 37 \times 73$ – the factors are found to be related stars. Clearly, there are two available representations: (1) a large star of 73 units of 37 and, (2) a large star of 37 units of 73.

We here confine attention to the first of these.

EXHIBIT C1

This realisation of the Bible's first verse is based upon the 'star' factors 37 and 73 of its CV – as depicted here:



The Exhibit therefore reveals 73 unit stars of 37, i.e. a total of $73 \times 37 = 2701$ counters.

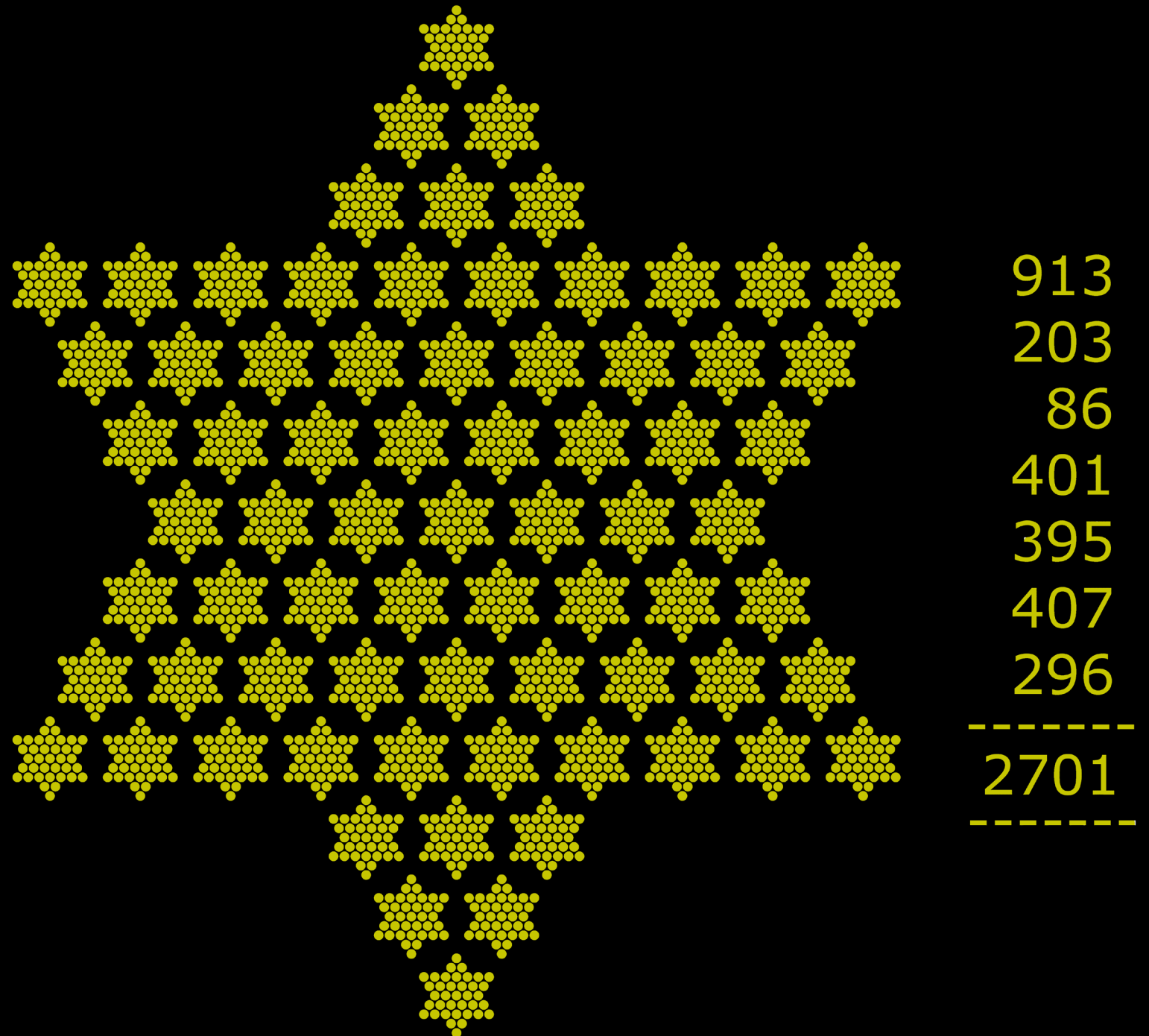
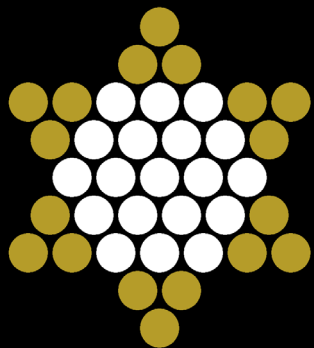


EXHIBIT C2

Because the factors of 703
(representing “and the earth”
are similarly related



we may represent this number as
a centrally placed hexagon of 19
units of 37-as-star.

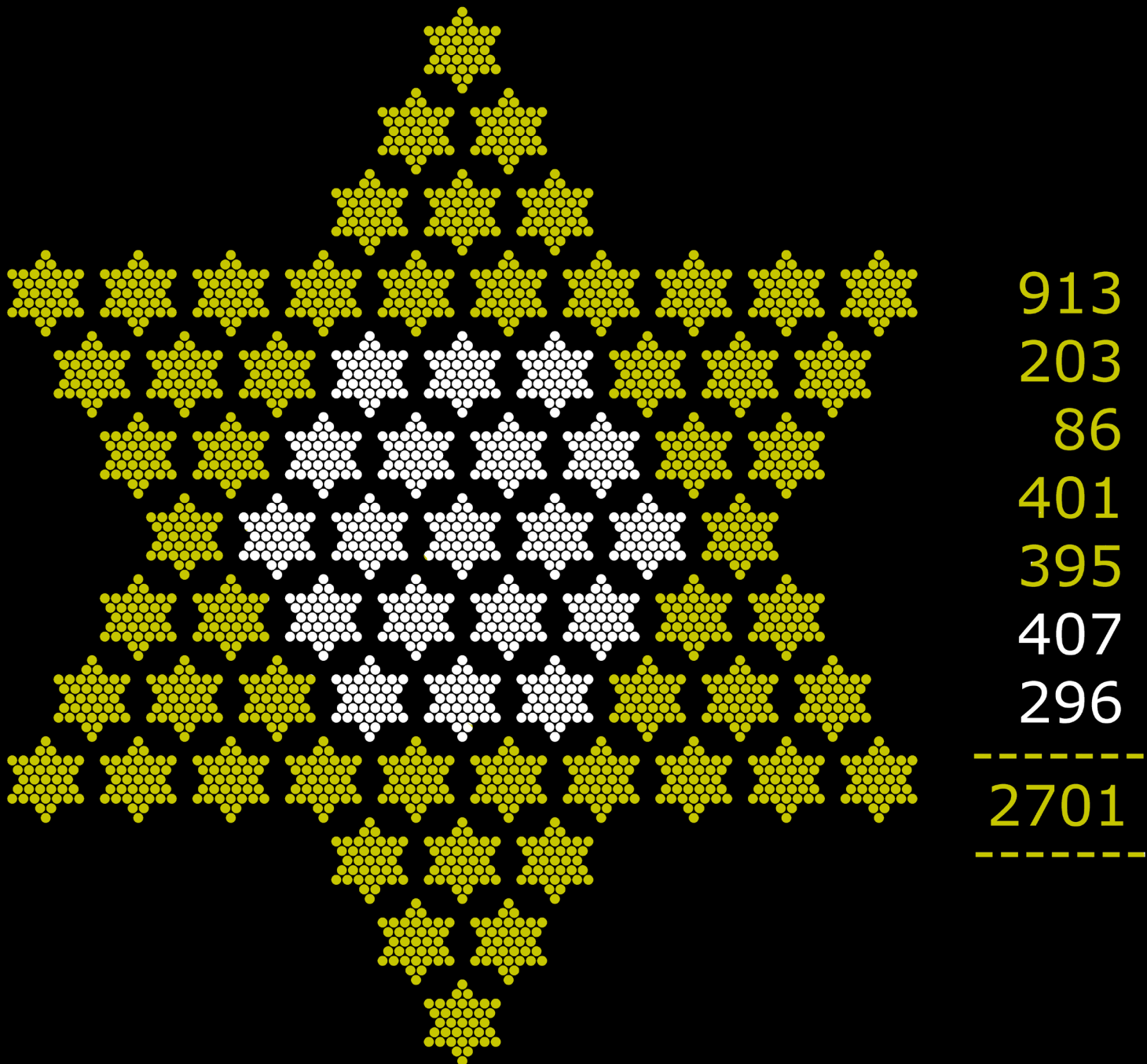
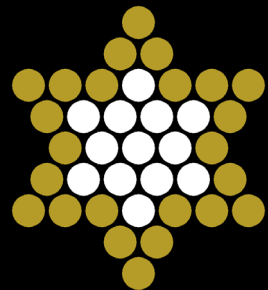
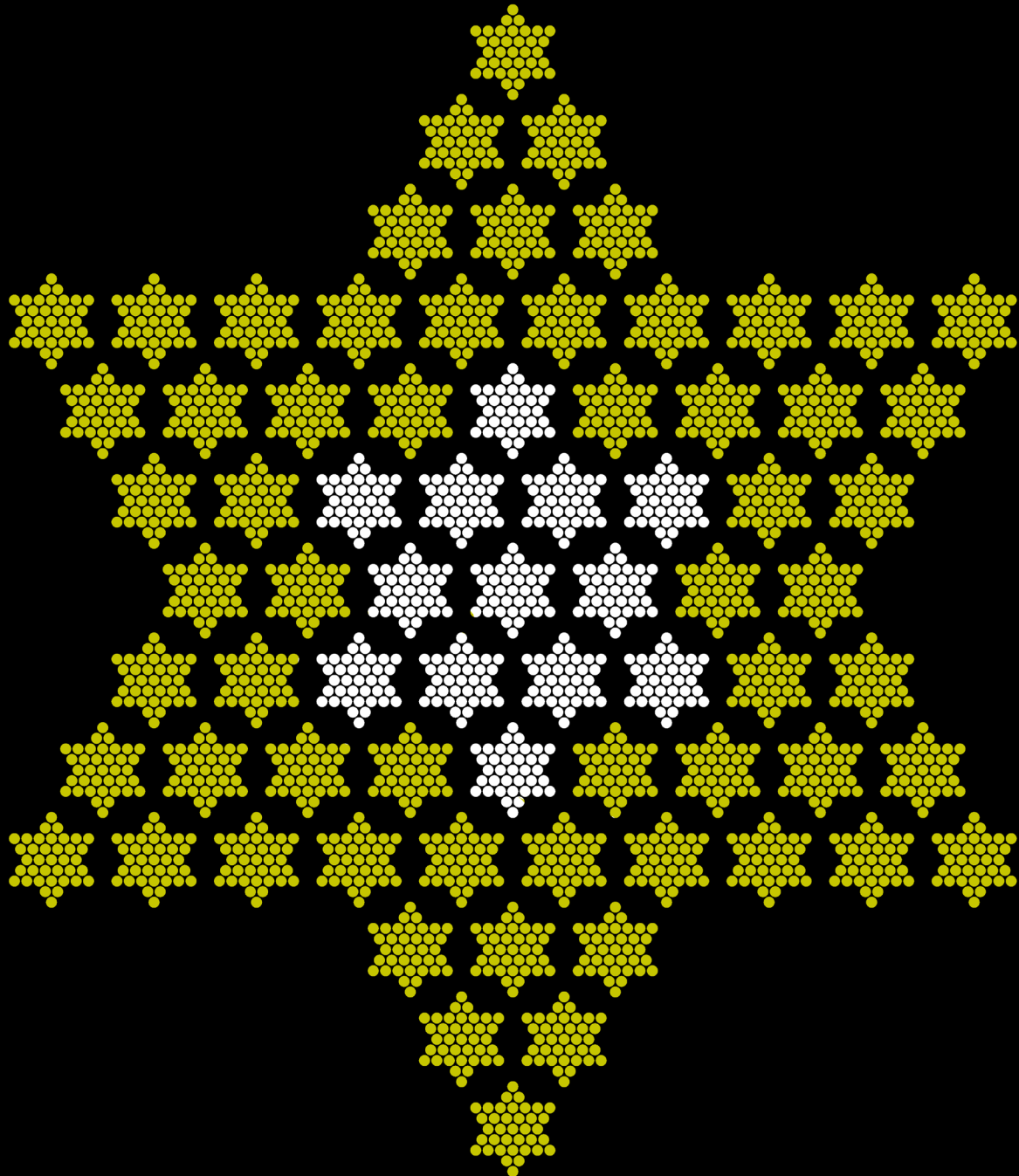


EXHIBIT C3

Again, because a like relationship exists between 13 and 37, the factors of 481 – sum of the CVs of words 3 and 5 (representing ‘God’ and ‘heaven’)



– this too may appear in the same context.

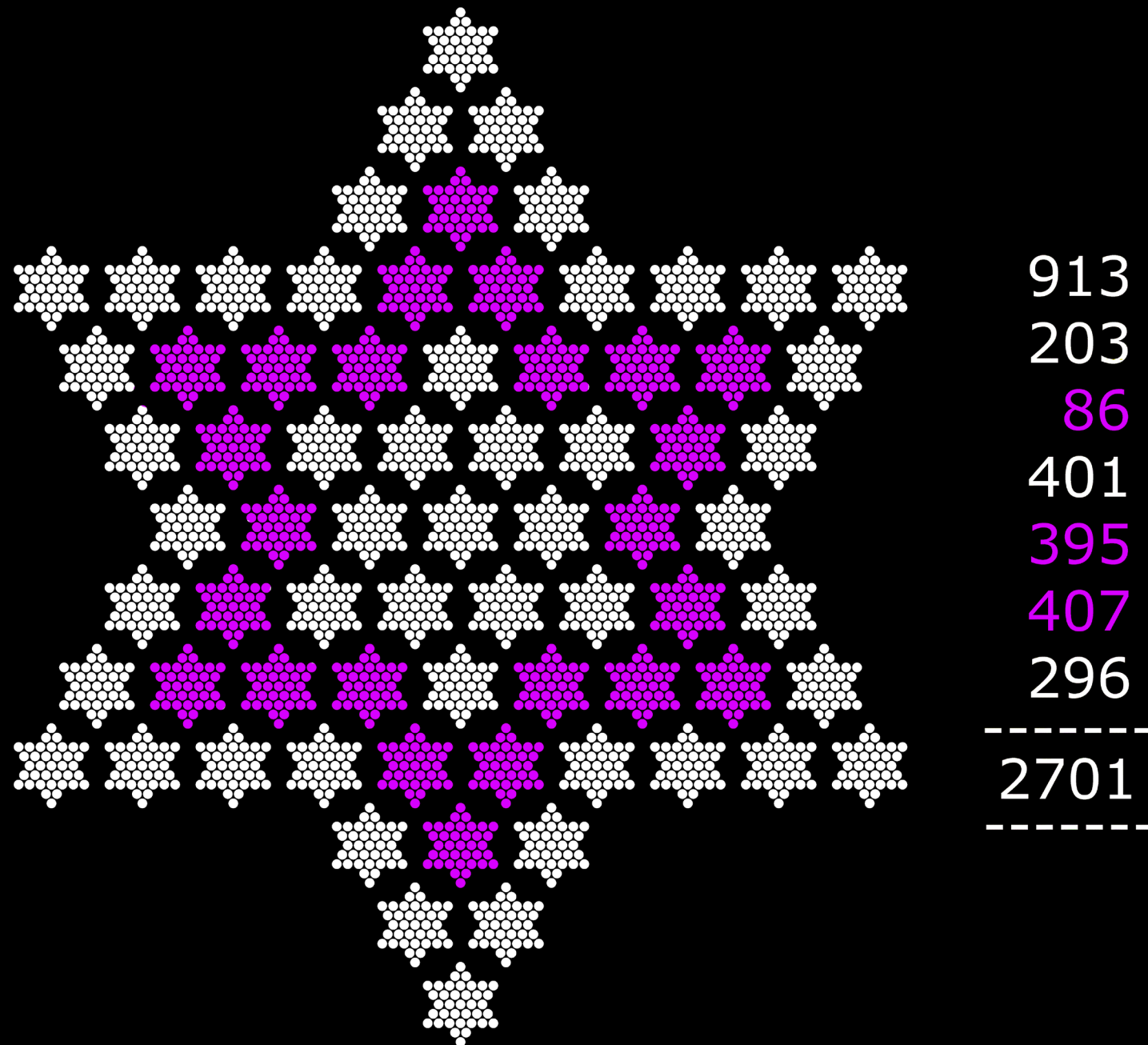


913
203
86
401
395
407
296

2701

EXHIBIT C4

Observe here the outline star of 24 unit stars of 37. These represent a total of $24 \times 37 = 888$ counters. So the CV of 'Jesus' features as component of this diagram – which centres on 'God' and 'heaven', as we have seen.



The Tessellation-based geometries

These are 'tiling' procedures which require compatibility between different symmetrical shapes – typically hexagon/star pairs.

The first example presents Genesis 1:1 as a **trefoil** derived from the sums of the 'odds' and 'evens' of its 7 word CVs. Such are here categorised as type 'D'.

The second (type 'E') introduces the concept of a **chain** tessellation which, in this case, involves the related hexagon of 19 and star of 37. Most significantly, it leads to symmetrical geometrical expressions of both Genesis 1:1 and the Creator's Name and Title – Jesus Christ – centred around the Bible's first word.

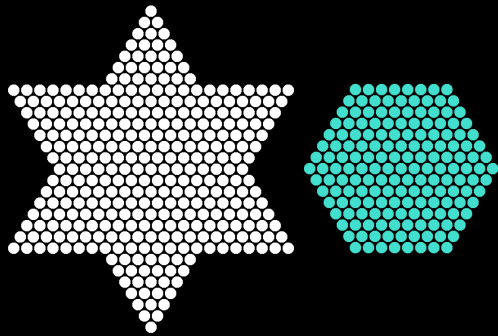
EXHIBIT D1

This realisation of Genesis 1:1 is based upon the sums of its 'odd' and 'even' CVs.

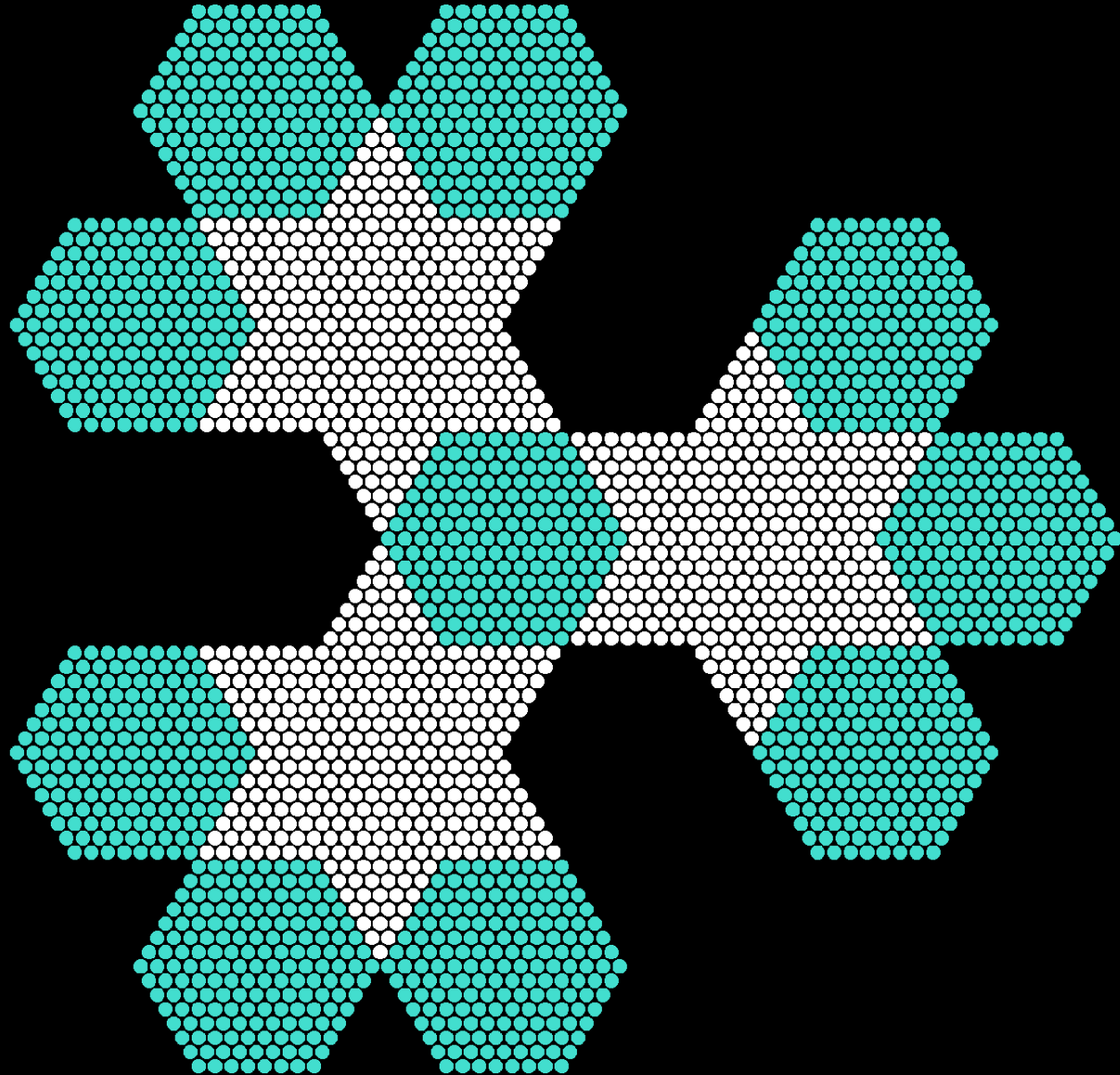
Sum of odds = 1690 = 10x169

Sum of evens = 1011 = 3x337

337/169 form a hexagon/star pair:



Thus, 3 of the stars combine with 10 of the hexagons to produce this tessellated expression of 2701.



913

203

86

401

395

407

296

2701

EXHIBIT D2

Here, it is revealed that the 'trefoil' tessellation representing 2701 and the Bible's first verse may be precisely accommodated by the 112th triangle (sum of the CVs of Genesis 1:1 and John 1:1).

Clearly, the areas shown as 3 identical segments in gold represent the New Testament Creation verse, John 1:1.

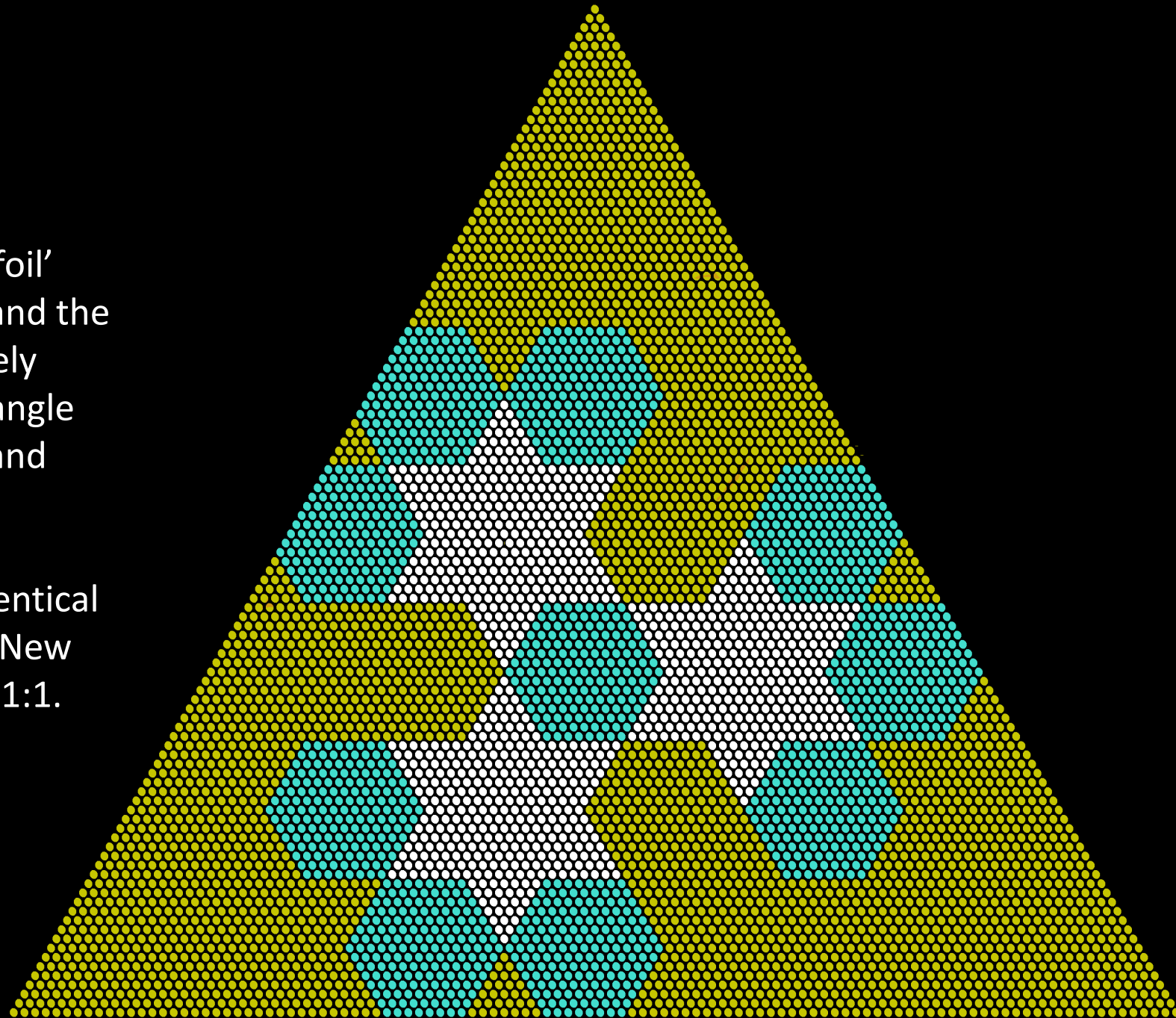
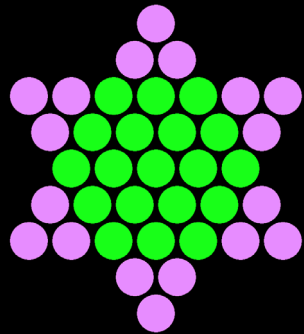


EXHIBIT E1

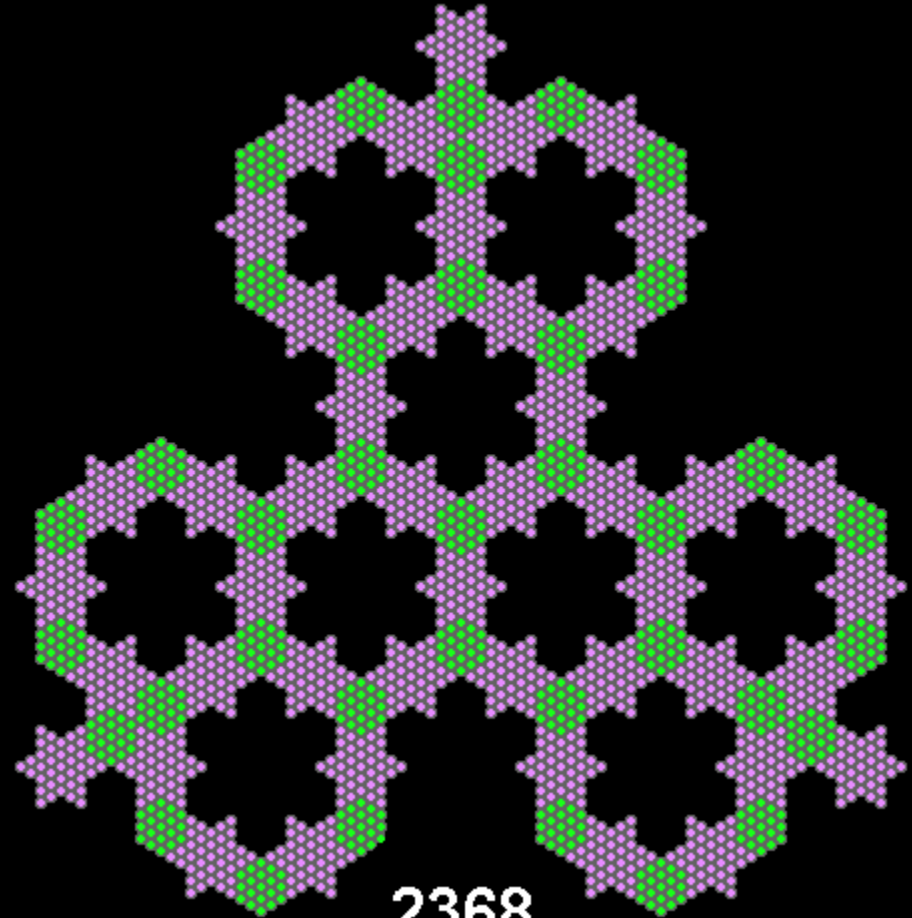
Here is the first of the 'Chain Tessellations'. Its elements of construction are stars of 37 and compatible hexagons of 19. It is used as a backcloth in the Title Page.



Counting establishes the fact that the figure comprises 45 stars and 37 hexagons. The total of counters is therefore

$$45 \times 37 + 37 \times 19 = 64 \times 37 = 2368$$

= THE CREATOR, JESUS CHRIST.



2368

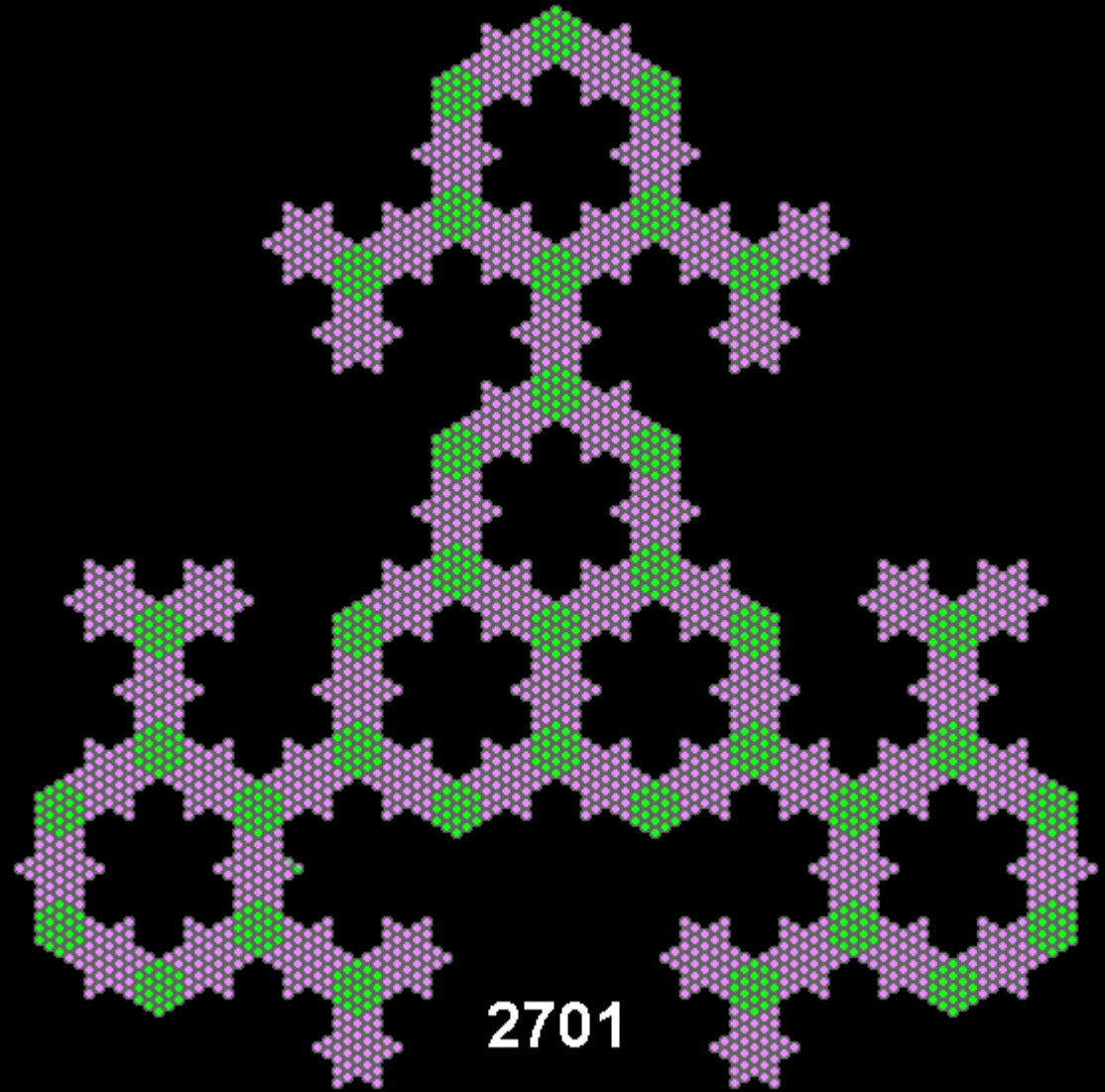
CREATOR

EXHIBIT E2

A different combination of the same elements generates the sum 2701.

Observe that this figure, like the last, possesses both bilateral and 3-rotational symmetry.

Furthermore, as the next Exhibit reveals, both are built around the CV of the first word of the Hebrew Bible.



GENESIS 1:1

EXHIBIT E3

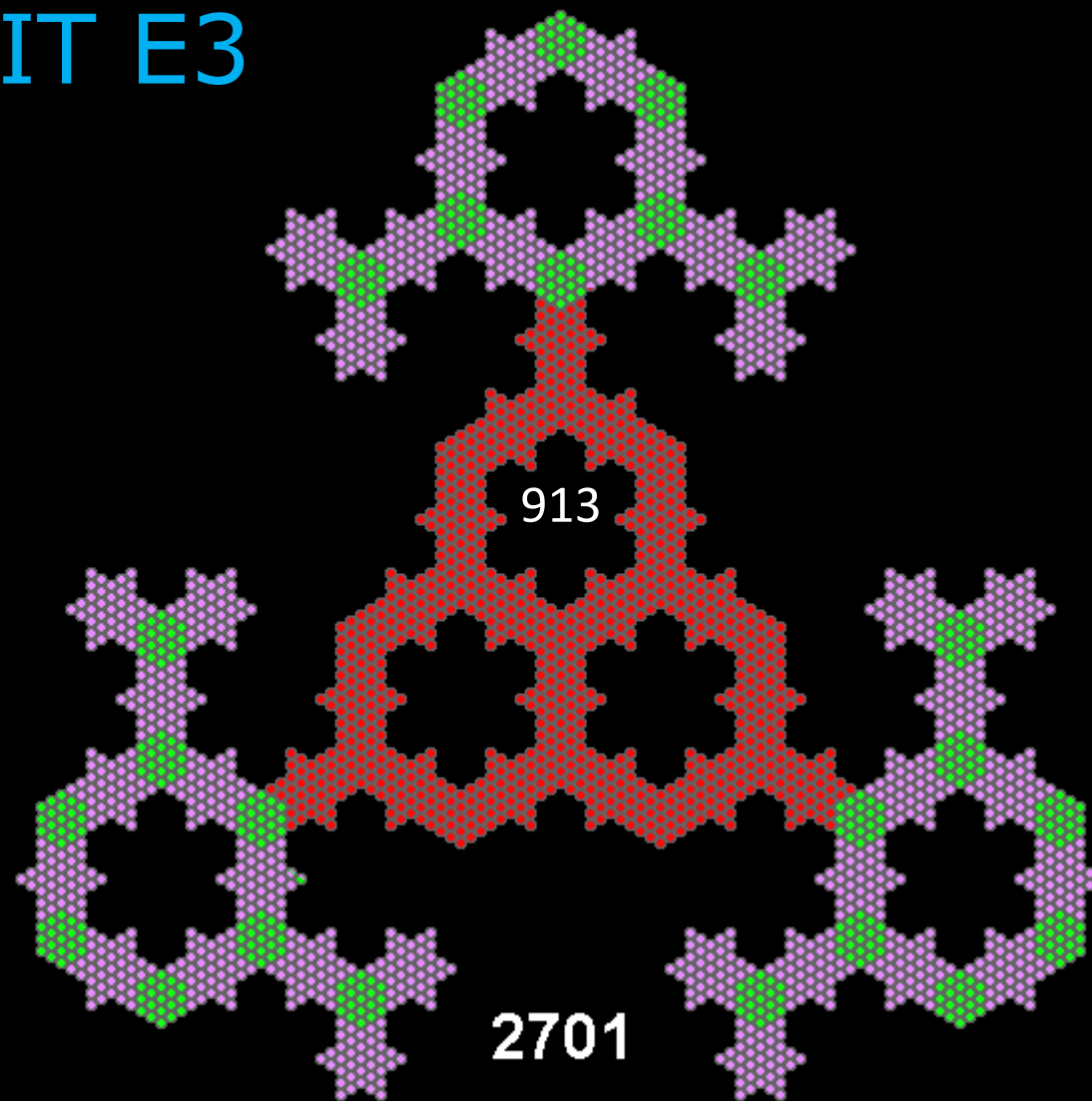
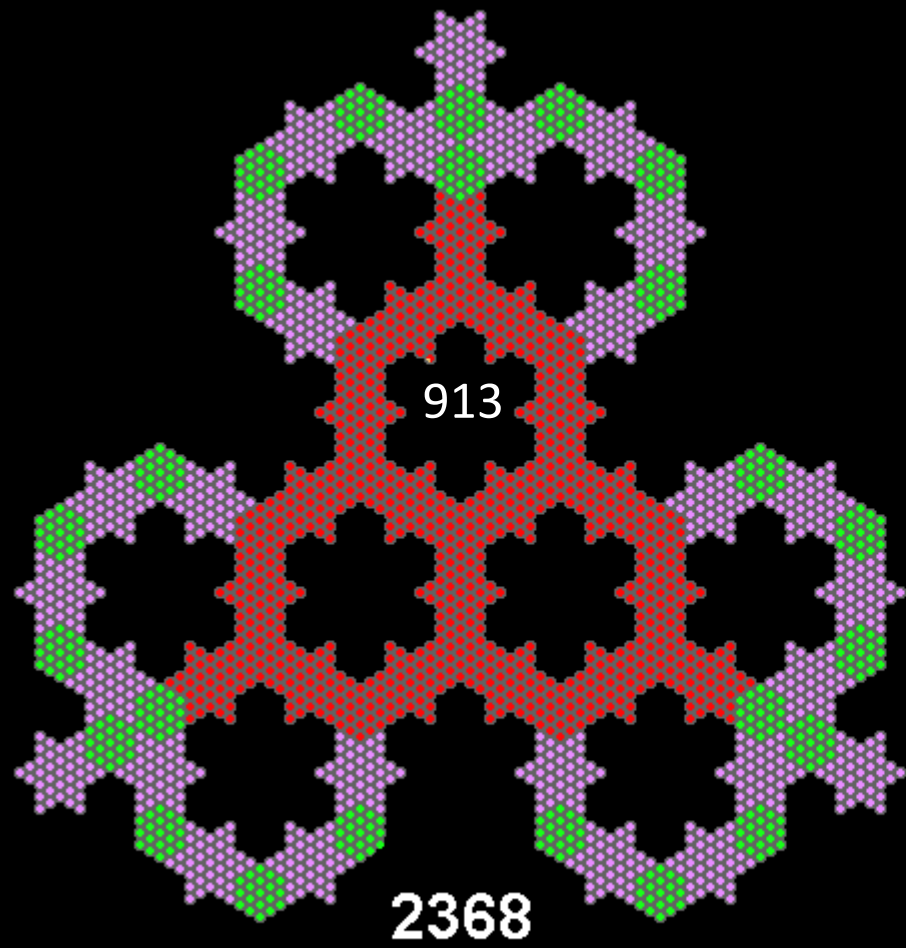


EXHIBIT E4

We are here concerned with the first word of the Bible, 'In the beginning'. This has a CV of 913. Its pictorial representation comprises

18 stars of 37
and 13 hexagons of 19

i.e. a total of
 $18 \times 37 + 13 \times 19 =$
 $666 + 247 = 913$

Its symmetries are unaffected
(1) by the removal of its central
hexagon, or
(2) by the removal of its 3 satellite
stars.

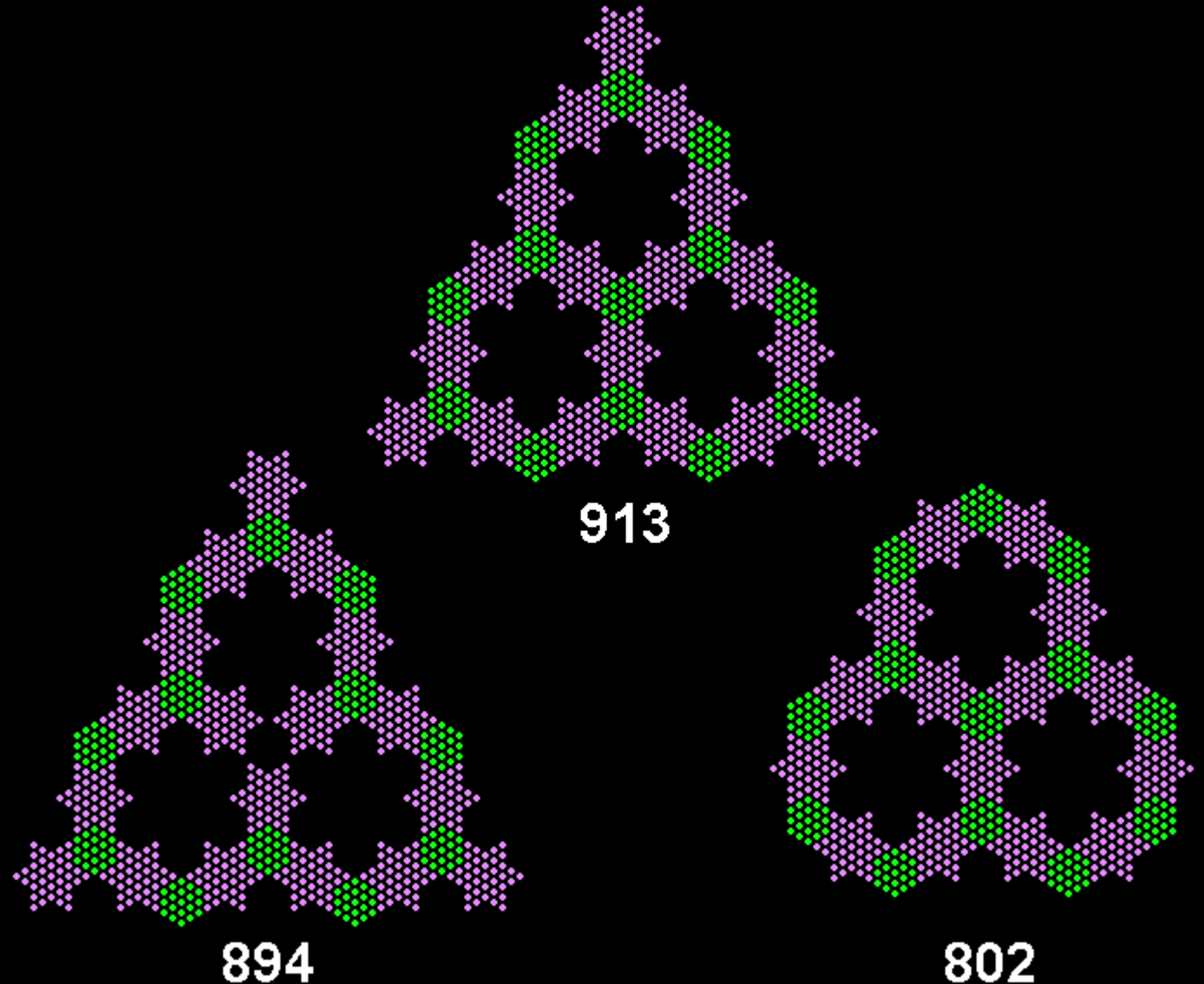


EXHIBIT E5

A further interesting division
of 2701 is revealed here:

$$86 + 401 + 407 =$$

$$203 + 395 + 296 = 894$$

The earlier one
recorded in B15 had

$$203 + 401 + 395 =$$

$$913 + 86 = 999$$

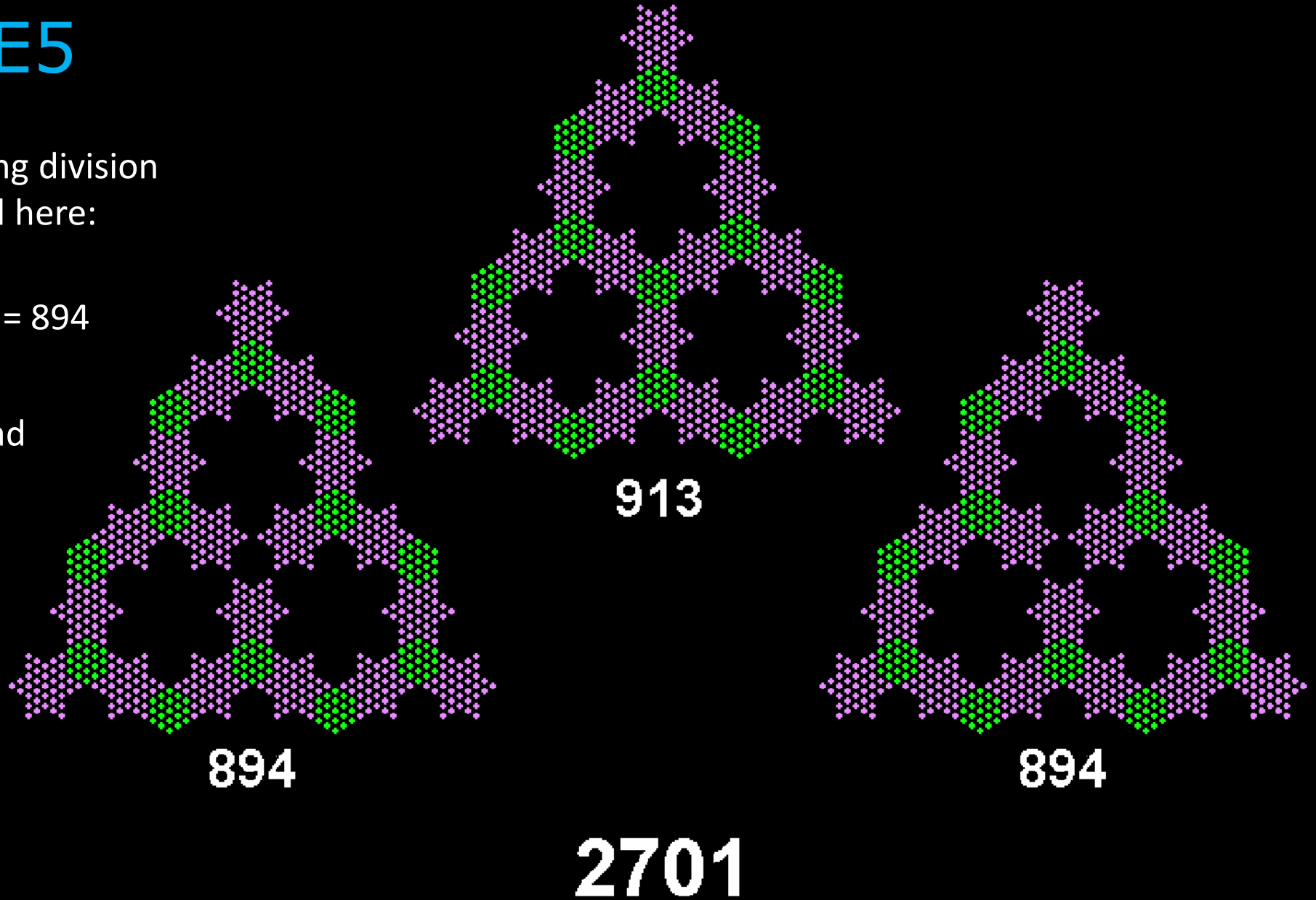


EXHIBIT E6

As revealed in the next Exhibit, the representation of 913 may be lightly transformed by rotating the 3 satellite stars. This means that the bilateral aspect of the symmetry is lost – but the figure is now seen to fit precisely into the G-triangle. Thus, the Bible's first word appears in colour within its literal context; the white counters clearly representing the remaining 6 words.

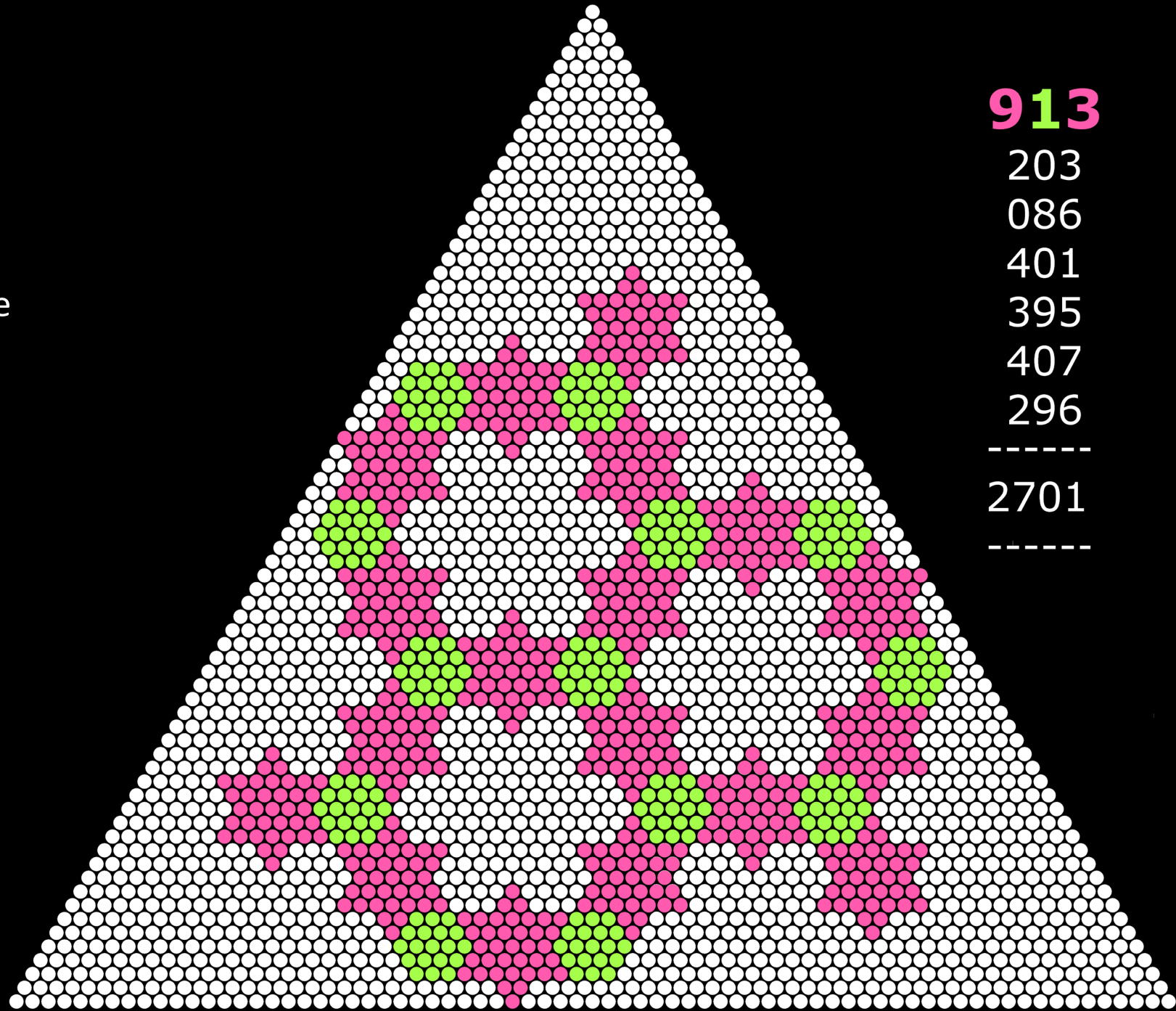
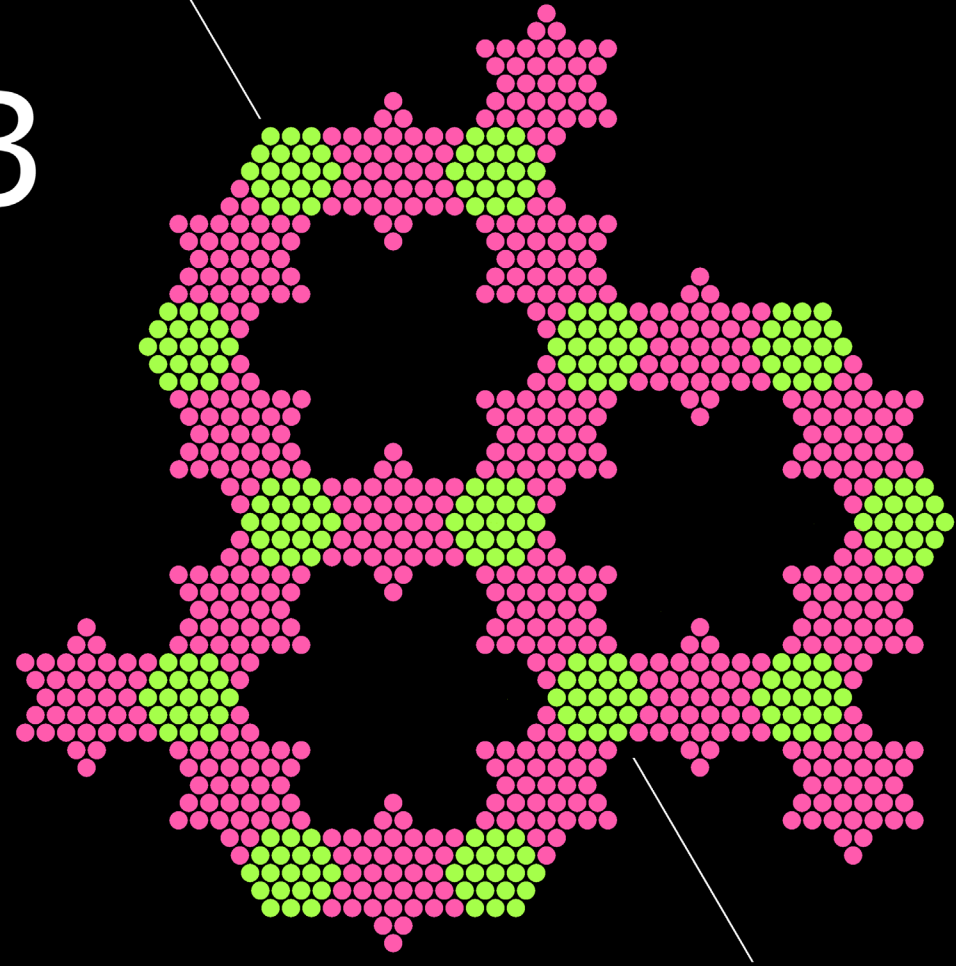


EXHIBIT E6 - continued

913



The fundamental constants π and e

A surprising mathematical correspondence exists between the 'Creation' verses. It is uncovered by applying the following simple formula to the CVs of their letters and words:

$$C = \frac{(\text{Product of letters}) \times (\text{Number of letters})}{(\text{Product of words}) \times (\text{Number of words})}$$

In respect of Genesis 1:1, $C = \pi \times 10^{17}$ (correct to within 0.0012%)

In respect of John 1:1, $C = e \times 10^{40}$ (correct to within 0.0011%)

Thus, not only does the text of John 1:1 emulate the format of Genesis 1:1, but they also share similar mathematical allusions.

The wonder of the latter event is heightened by the fact that e was not known to man before the 18th century.

The A4 Enigma

ISO's A4 sheet of cut paper came into being in 1975; it is now the most abundant of all modern artefacts, taking the form of a 210mm x 297mm rectangle.

Remarkably, these dimensions are based on the CVs of the first 8 Hebrew words of the Bible.

Further details at

www.whatabeginning.com/A4Enigma.pdf

CONCLUDING REMARKS

That these many and varied attributes derive from so few strategically placed words speaks loudly of **Supernatural Intelligent Design**. In particular, the Bible's opening verse is established as the most remarkable combination of words ever written; and is, undoubtedly, the **REAL BIG BANG!!**

The wonder of it all is capped by the fact that the words were recorded by Moses many centuries before the Jews adopted an alphabetic system of numeration.

This potent demonstration of the Creator's powers should convince all lovers of truth that the Scriptures really are God-given and Inerrant.

Vernon Jenkins MSc

www.whatabeginning.com

30/10/19

A significant prophecy fulfilled:

“...behold, I will proceed to do a marvellous work among this people, even a marvellous work and a wonder: for the wisdom of their wise men shall perish, and the understanding of their prudent men shall be hid.” (A.V. Isaiah 29:14)