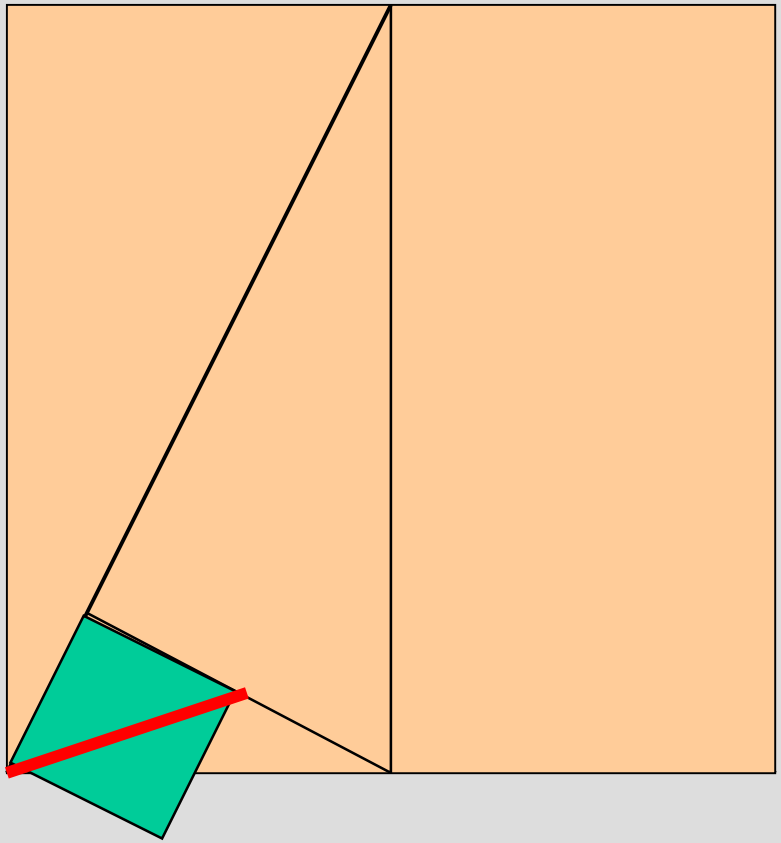
The Great Pyramid's Hidden Constant:
The 239c Count

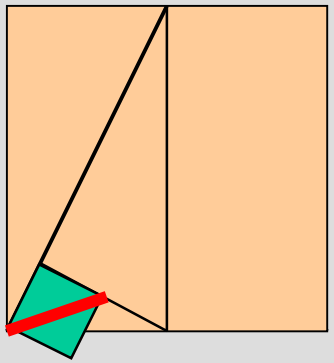
Charles William Johnson



Earth/matriX:
Science in Ancient Artwork
P.O. Box 231126
New Orleans, Louisiana

ISBN 1-58616-209-8
www.earthmatrix.com

The Cross-Sectional Base of the Great Pyramid



Presentation

The green square measures **169** feet on each of its sides. The 169c lies within the progression of the Meso-American number, **2028**c, from the Legend of the Four Worlds (or, the Fifth Sun Legend).

The red diagonal line of the 169c green square measures therefore, **239.002092** feet.

We have divided the base of the Great Pyramid of Giza along the lines illustrated herein, which produce the previous measurements. The side measurement of the Great Pyramid results in the average measure cited: **755.7909764** feet; a measurement that was offered by the Egyptian Government in 1925: *755.79 feet.*

The Cross-Sectional Base of the Great Pyramid

By employing the diagonal lines of the green square, 239.002092 feet, we are therefore able to compute many other interconnecting lines and sides of triangles within the cross-section of the base of the Great Pyramid.

The values of various other lines and sides of internal triangles are derived from computations related to various square roots of numbers.

Through the use of the square roots of various numbers, we are able to project measurements of equilateral, right, isosceles and scalene triangles.

We suspect that the ancients may have employed a similar method of computation along such lines.

The Cross-Sectional Base of the Great Pyramid

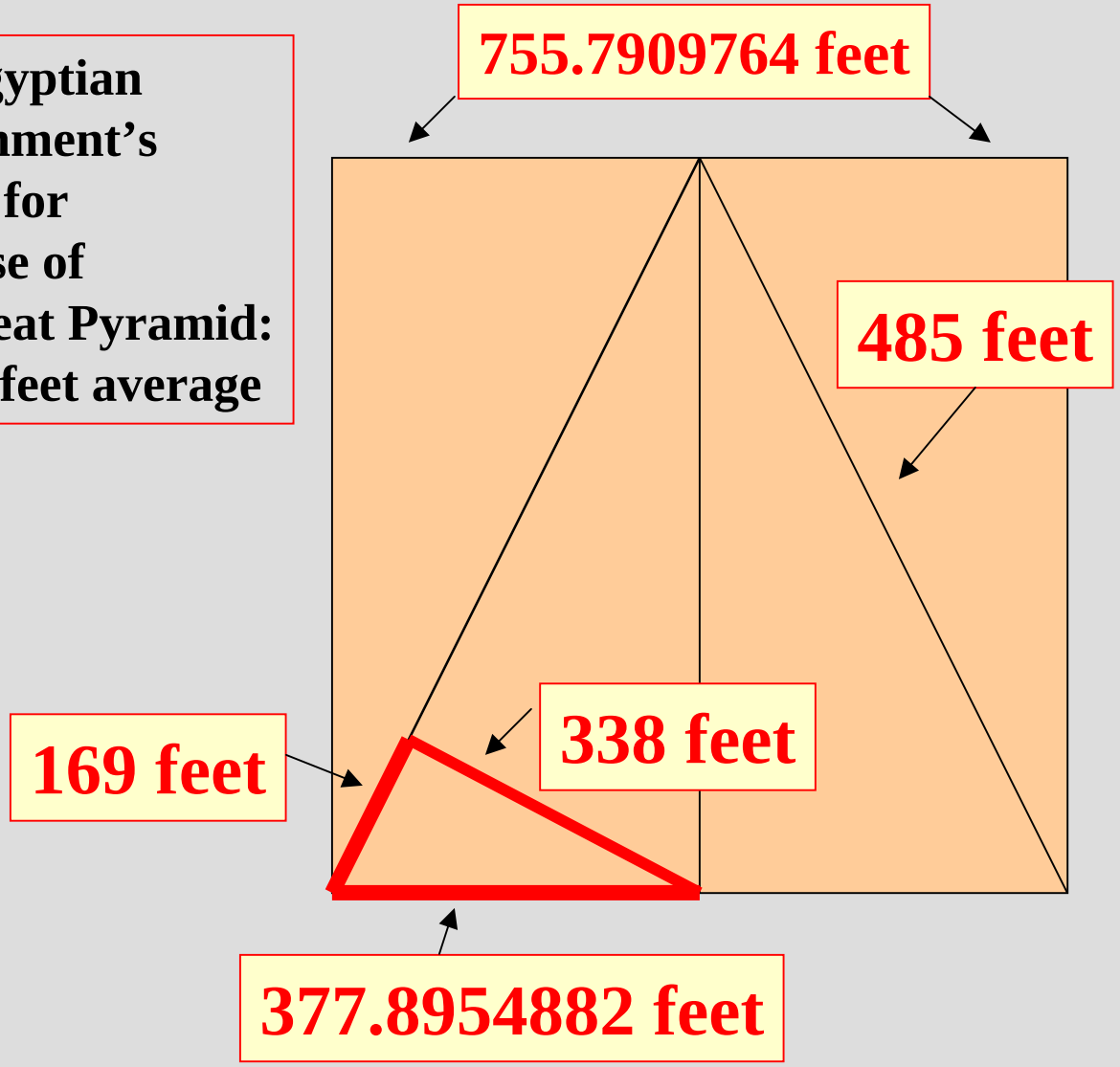
Another outstanding relationship derived from this study, concerns that between the numbers relating to the side measurement of the Great Pyramid (755.7909764 feet), and the measurement of the internal triangles and squares related to the geometry of the base of the Great Pyramid.

The numbers related to the internal triangles and the cited green square are generally related to the multiples of the numbers offered in the Meso-American Legend of the Four Worlds or, the Fifth Sun: 676c and 2028c.

To date, we have not found a number or multiple expression of the figure 239c. Yet, we suspect that soon, we shall be encountering such values given the fact that now our attention has been directed towards this number.

The Cross-Sectional Base of the Great Pyramid: 755.7909764 Feet

The Egyptian Government's Figure for the Base of the Great Pyramid: 755.79 feet average



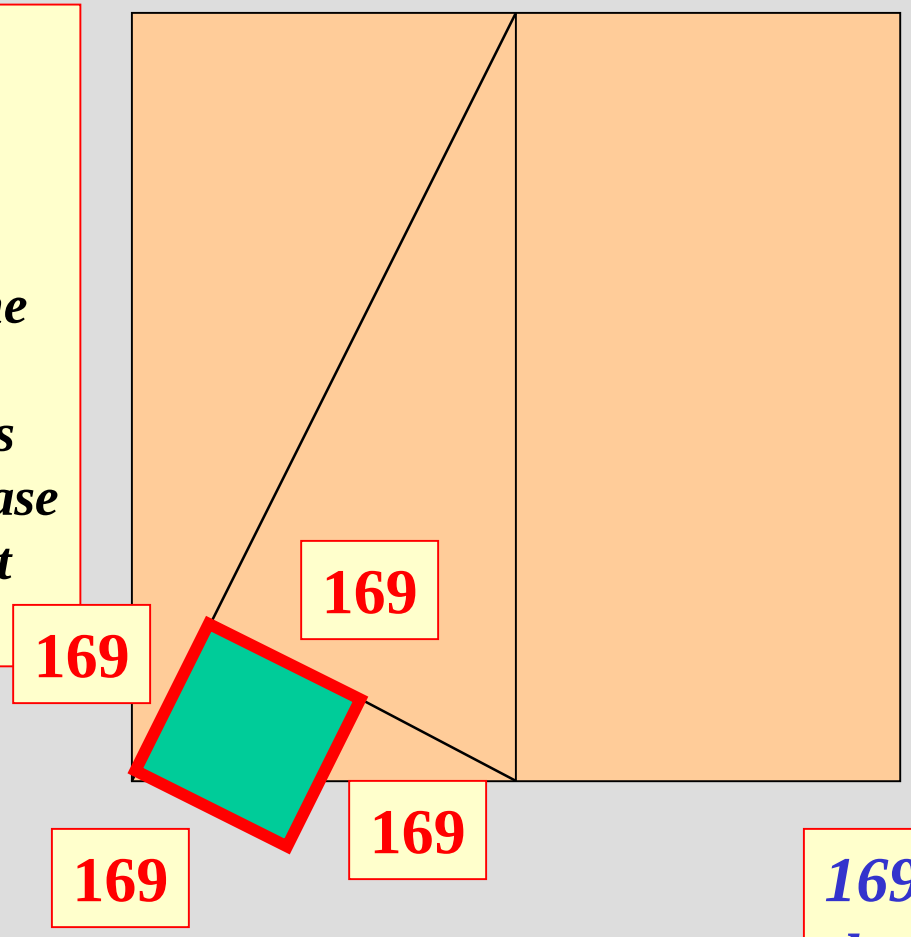
Meso-American Legend of the Four Worlds Year Count

169
338
507
676
845
1014
1183
1352
1521
1690
1859
2028

The Cross-Sectional Base of the Great Pyramid:

Internal Triangles and Squares: A Hypothetical Design

We have drawn a square based on the 169 feet measurement as indicated. The square figure partially extends outside of the base line of the Great Pyramid.



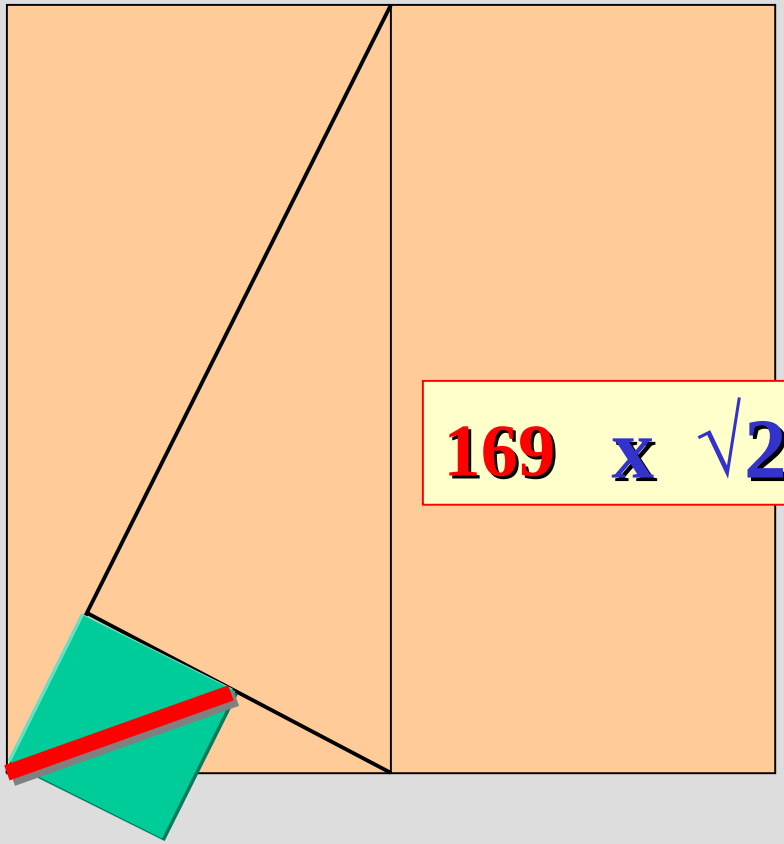
169 feet per side of the square figure

The Cross-Sectional Base of the Great Pyramid:

$\sqrt{2}$

The Diagonal Base Line: A Theoretical Posit: **239.002092 Feet**

239.002092 feet measures the diagonal base line of the 169-foot square.



169 x $\sqrt{2}$ = 239.002092

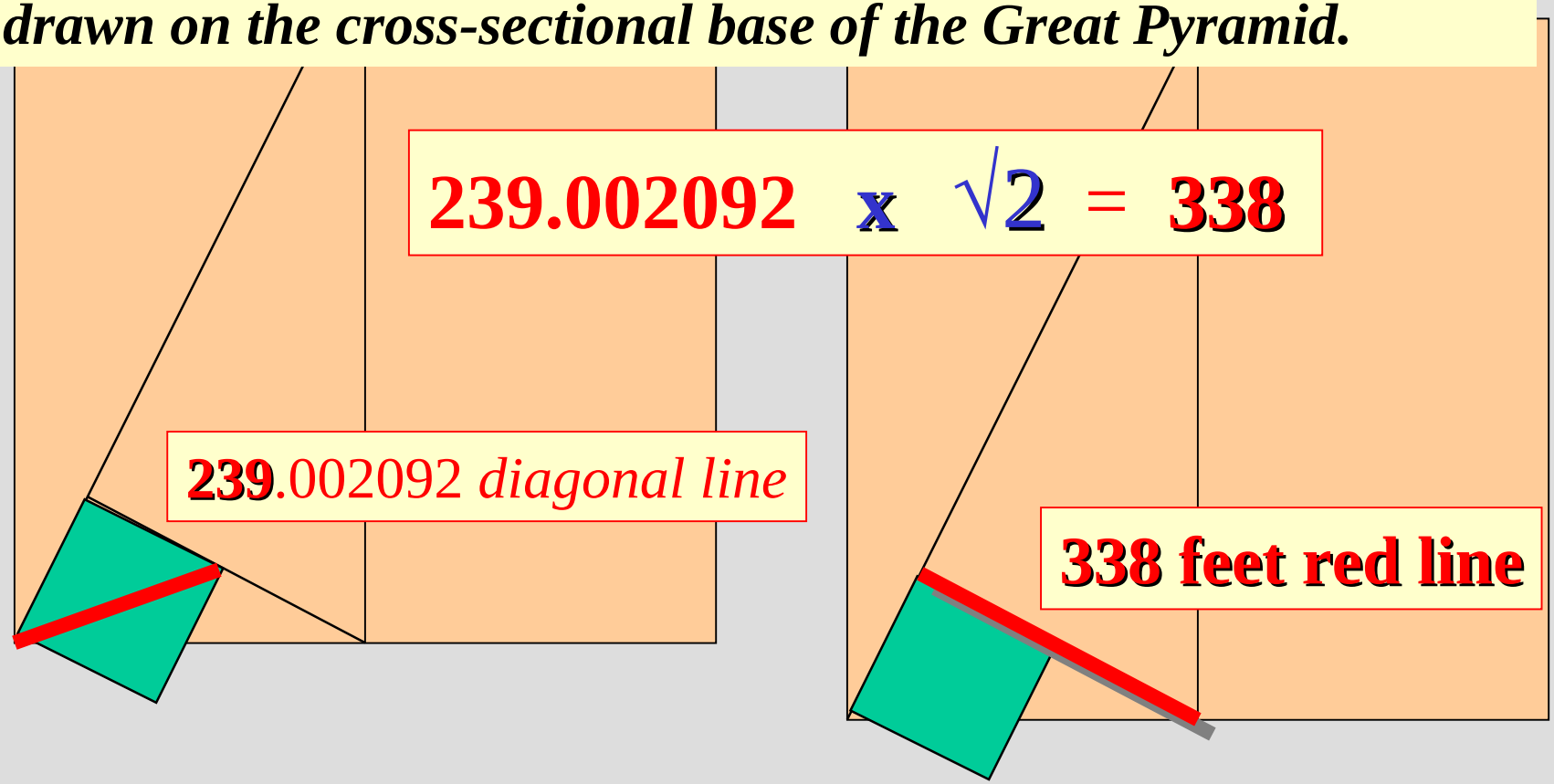
169 per side of the square

The Cross-Sectional Base of the Great Pyramid:

A Theoretical Computation: **The 338-Foot Baseline**

$\sqrt{2}$

The diagonal line of 239.002092 feet of the green square, offers a means of analysis for various lines within the triangles drawn on the cross-sectional base of the Great Pyramid.



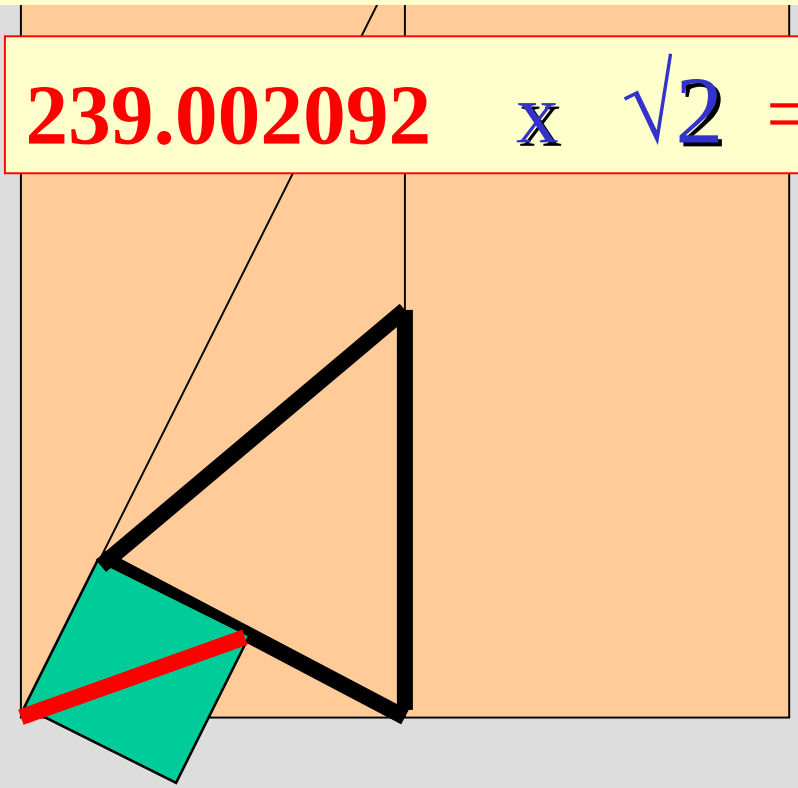
The Cross-Sectional Base of the Great Pyramid:

A Theoretical Computation: **The 338-Foot Baseline**

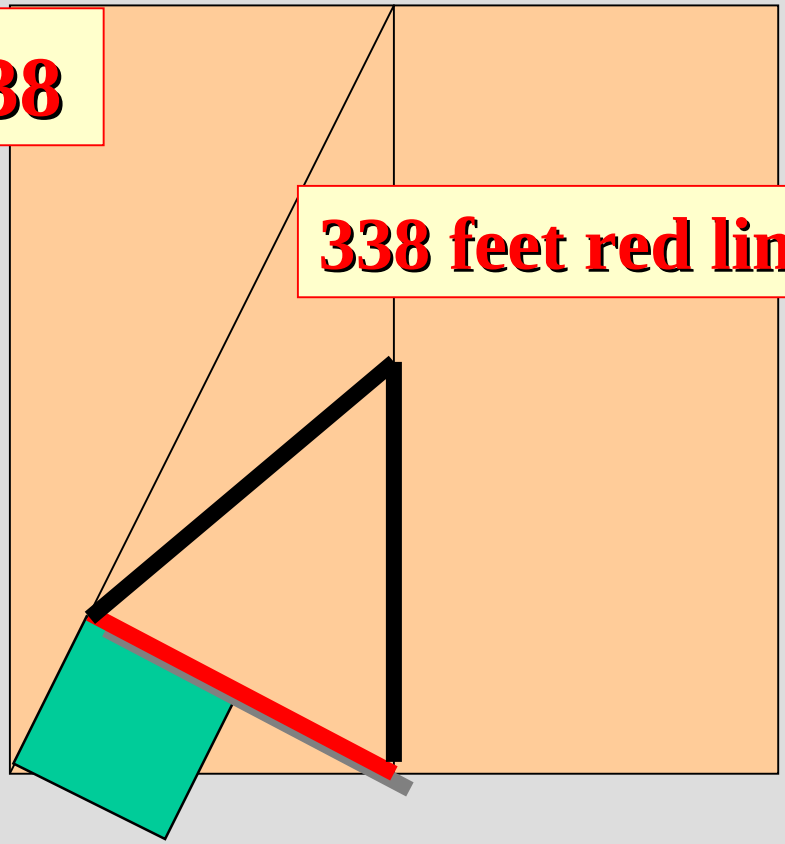
$\sqrt{2}$

The diagonal line times the square root of two yields the base line of the 338-foot based equilateral triangle; a progression of triangles.

239.002092 x $\sqrt{2}$ = 338



239.002092 *diagonal line*

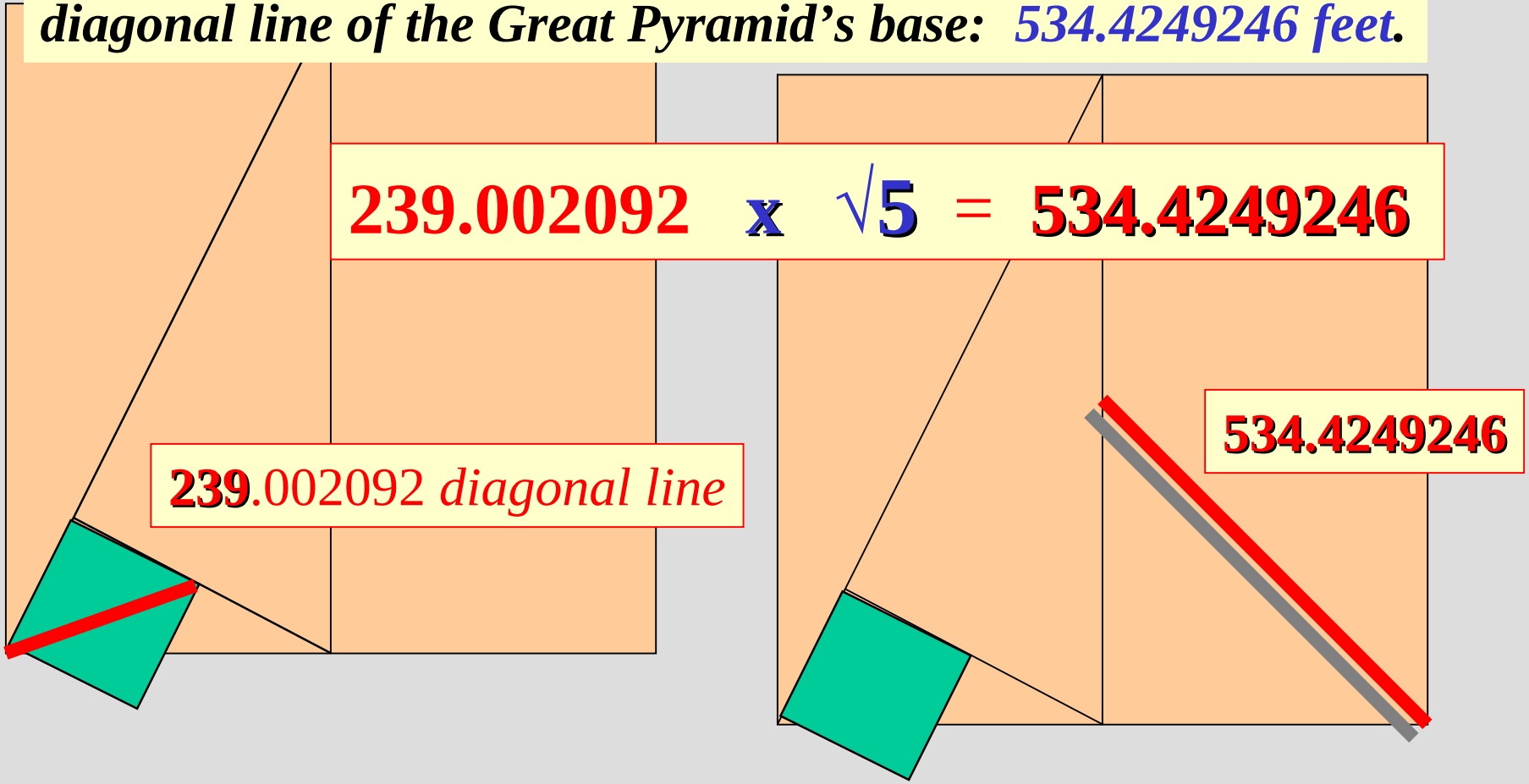


The Cross-Sectional Base of the Great Pyramid and Its Diagonal Line: A Theoretical Computation: **534.4249246 Feet**

$\sqrt{5}$

The diagonal line times the square root of five yields half the diagonal line of the Great Pyramid's base: 534.4249246 feet.

239.002092 x $\sqrt{5}$ = 534.4249246

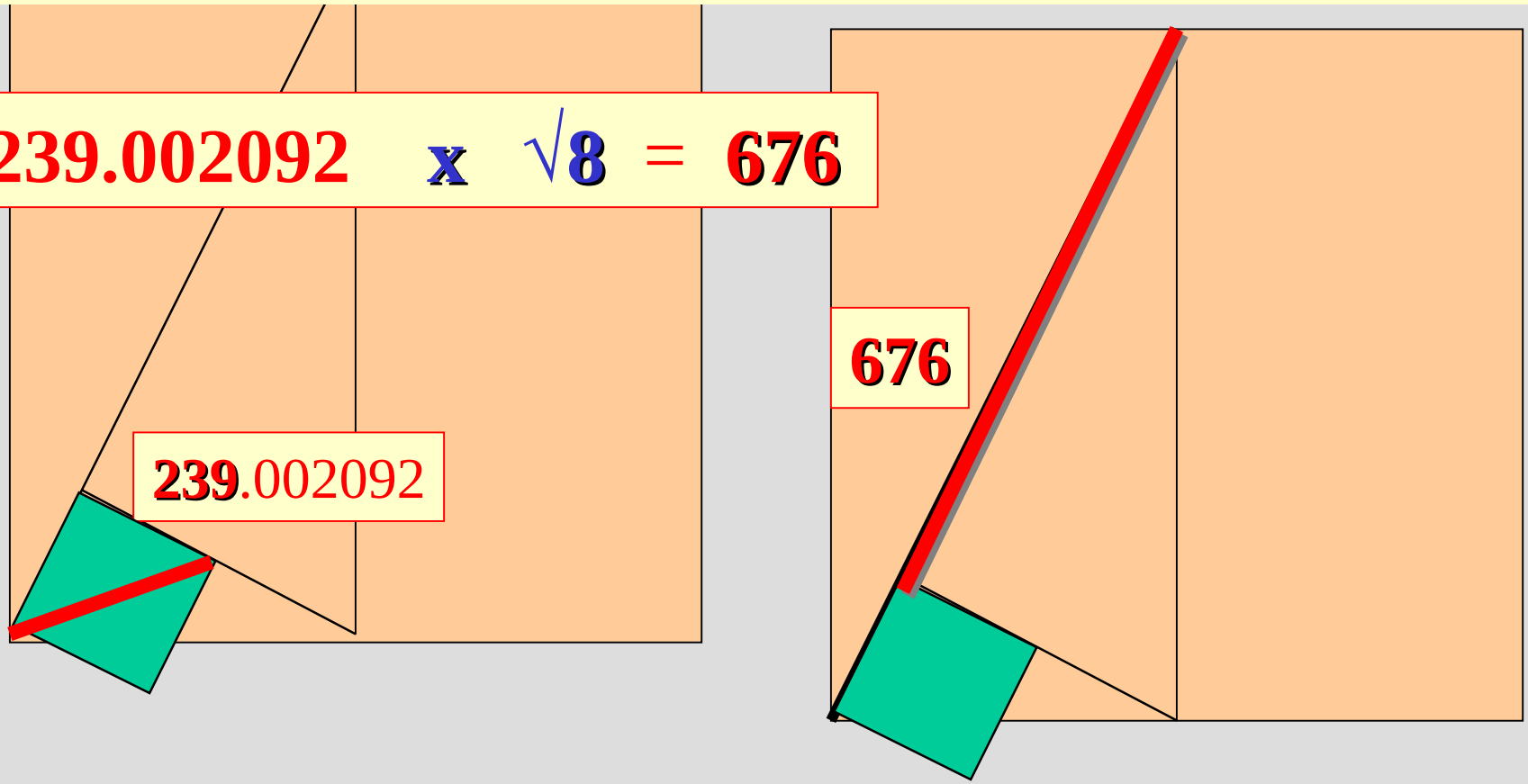


The Cross-Sectional Base of the Great Pyramid and Its Half-Base Diagonal Line: A Theoretical Computation: **676 Feet**

$\sqrt{8}$

The diagonal line times the square root of eight yields the partial diagonal line of half of the Great Pyramid's base: 676 feet.

239.002092 x $\sqrt{8}$ = 676

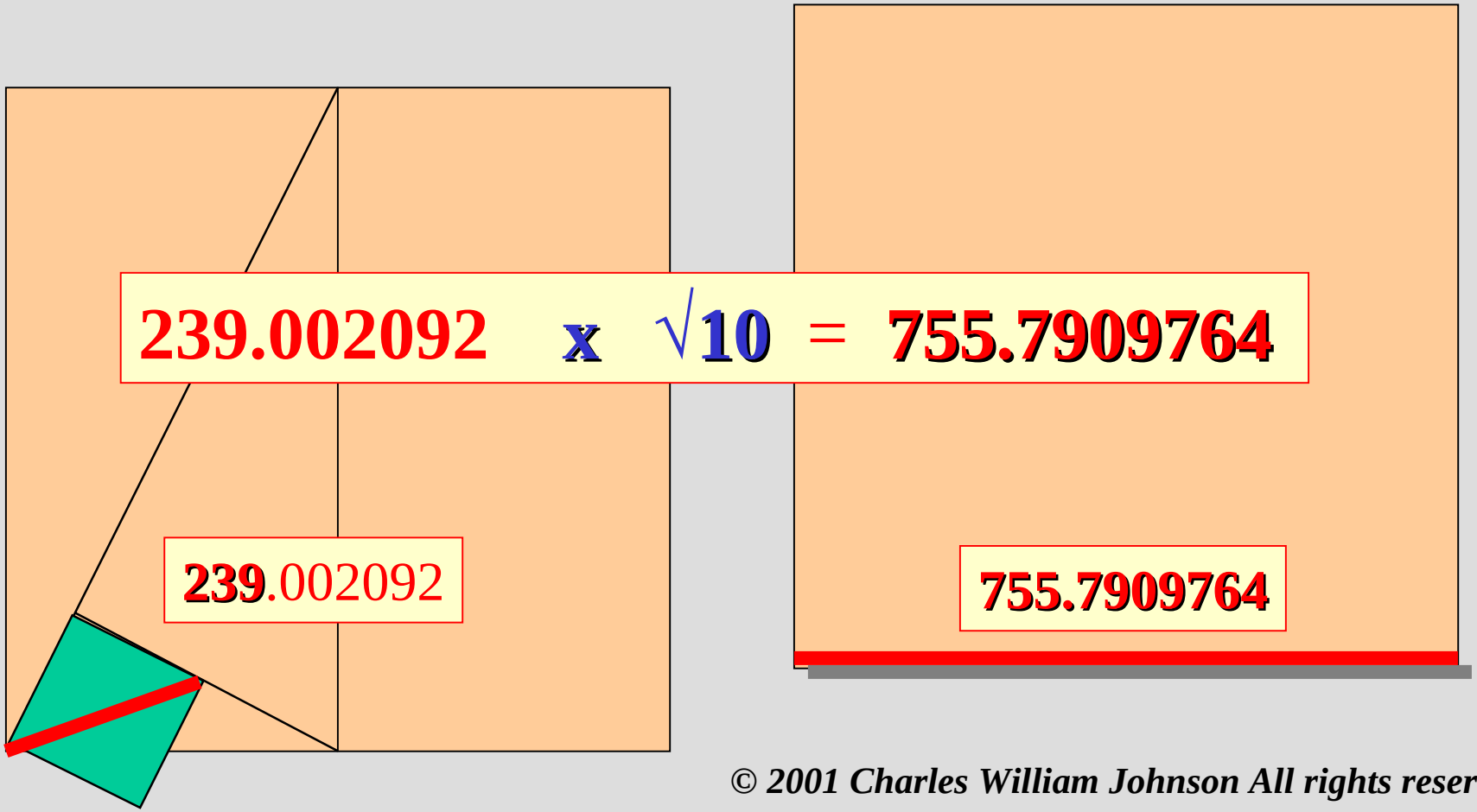


The Cross-Sectional Base of the Great Pyramid:

Internal Triangles: A Theoretical Computation

$\sqrt{10}$

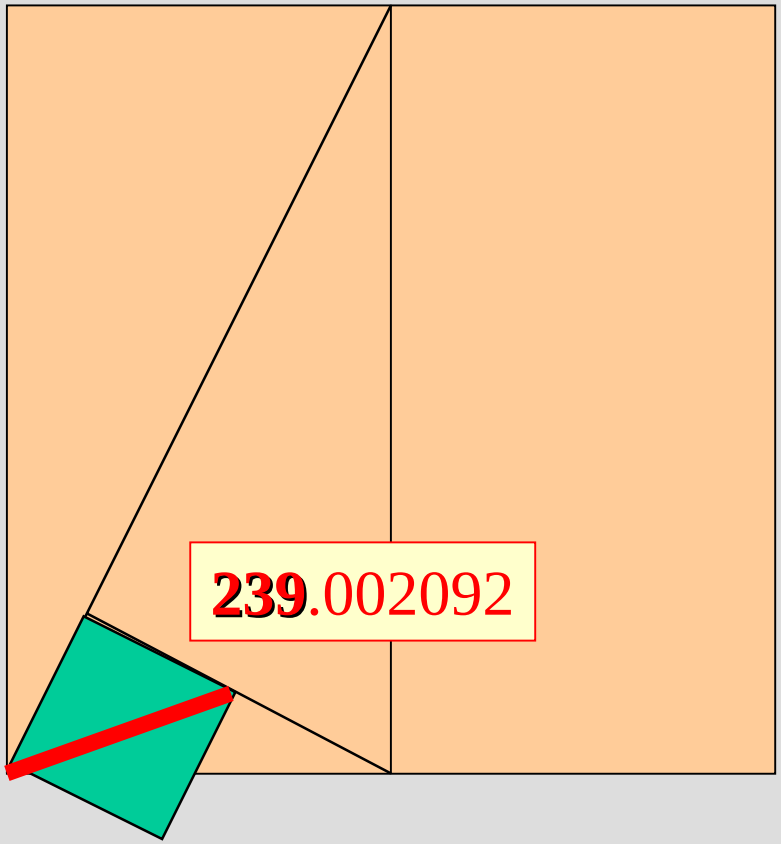
The diagonal line times the square root of ten yields the side measurement of the Great Pyramid's base: 755.7909764 feet.

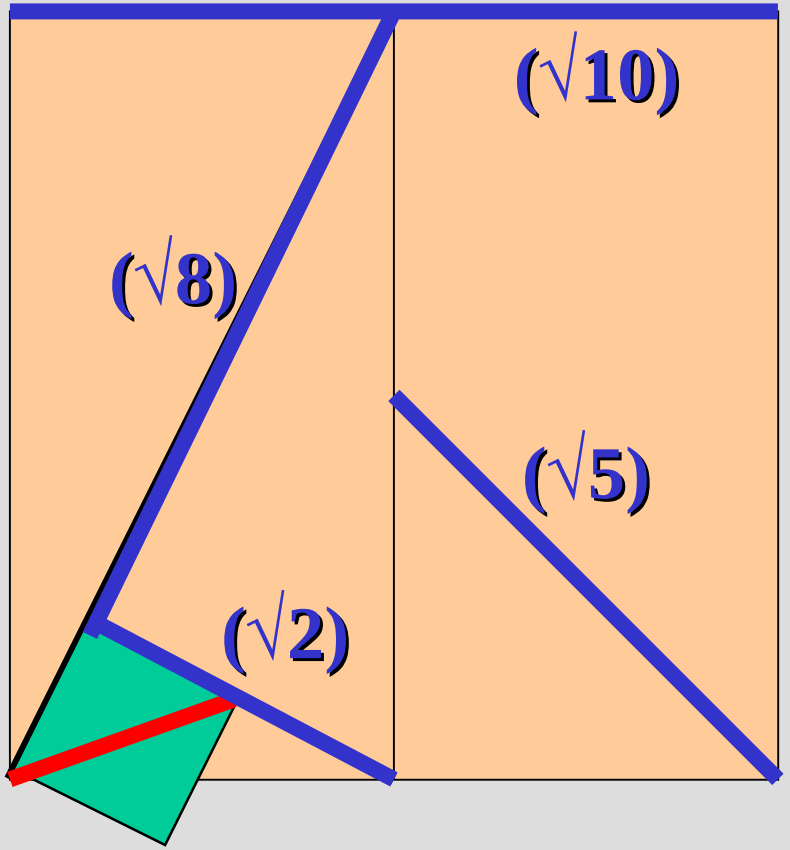


The Cross-Sectional Base of the Great Pyramid:

A Summary of Theoretical Computations: $\sqrt{2} \cdot \sqrt{5} \cdot \sqrt{8} \cdot \sqrt{10}$

The diagonal line times various square root numbers yields different lines within the triangles posited on the base of the Great Pyramid.



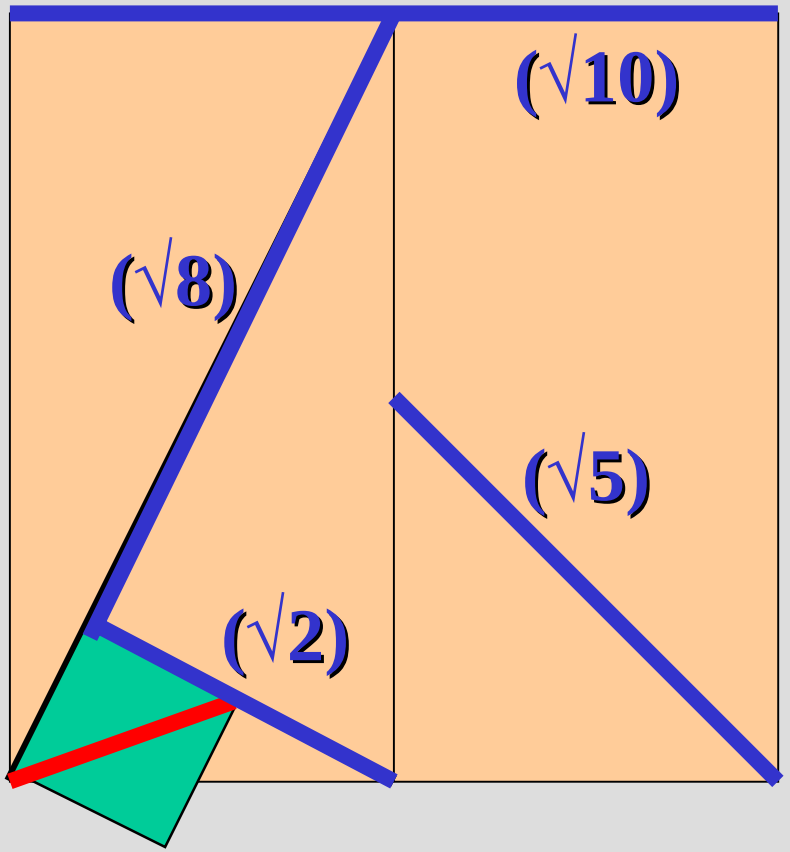


The Cross-Sectional Base of the Great Pyramid:

A Summary of Theoretical Computations: $\sqrt{2} \cdot \sqrt{5} \cdot \sqrt{8} \cdot \sqrt{10}$

The diagonal line times various square root numbers yields different lines within the triangles posited on the base of the Great Pyramid.

The diagonal line
239.002092 Feet, of the green square,
when multiplied against the square root numbers shown, produce the corresponding lines illustrated here.



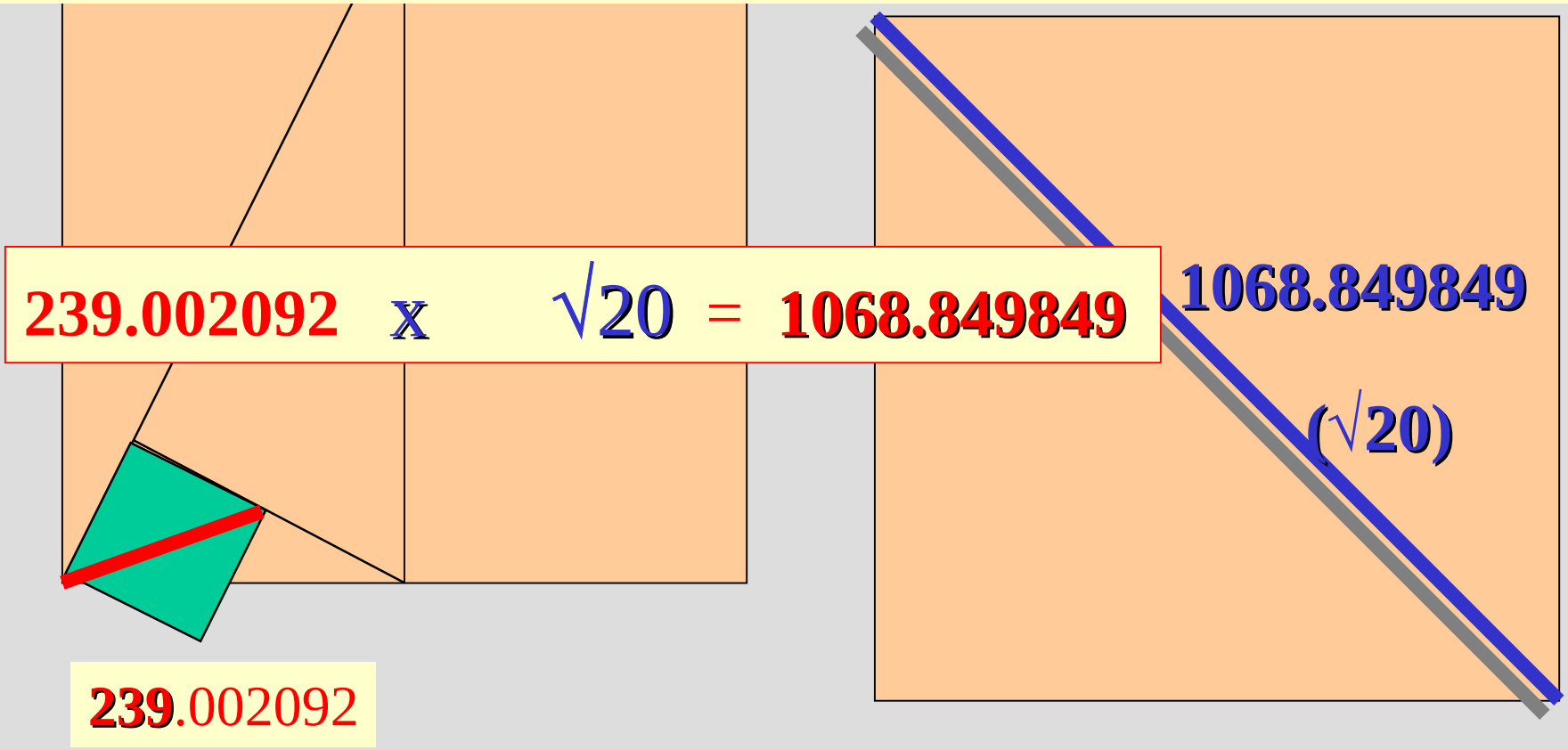
239.002092

The Cross-Sectional Base of the Great Pyramid:

The Diagonal Baseline: A Theoretical Computation

$\sqrt{20}$

The diagonal line times the square root of twenty yields the diagonal measurement of the Great Pyramid's base: 1068.849849 feet.



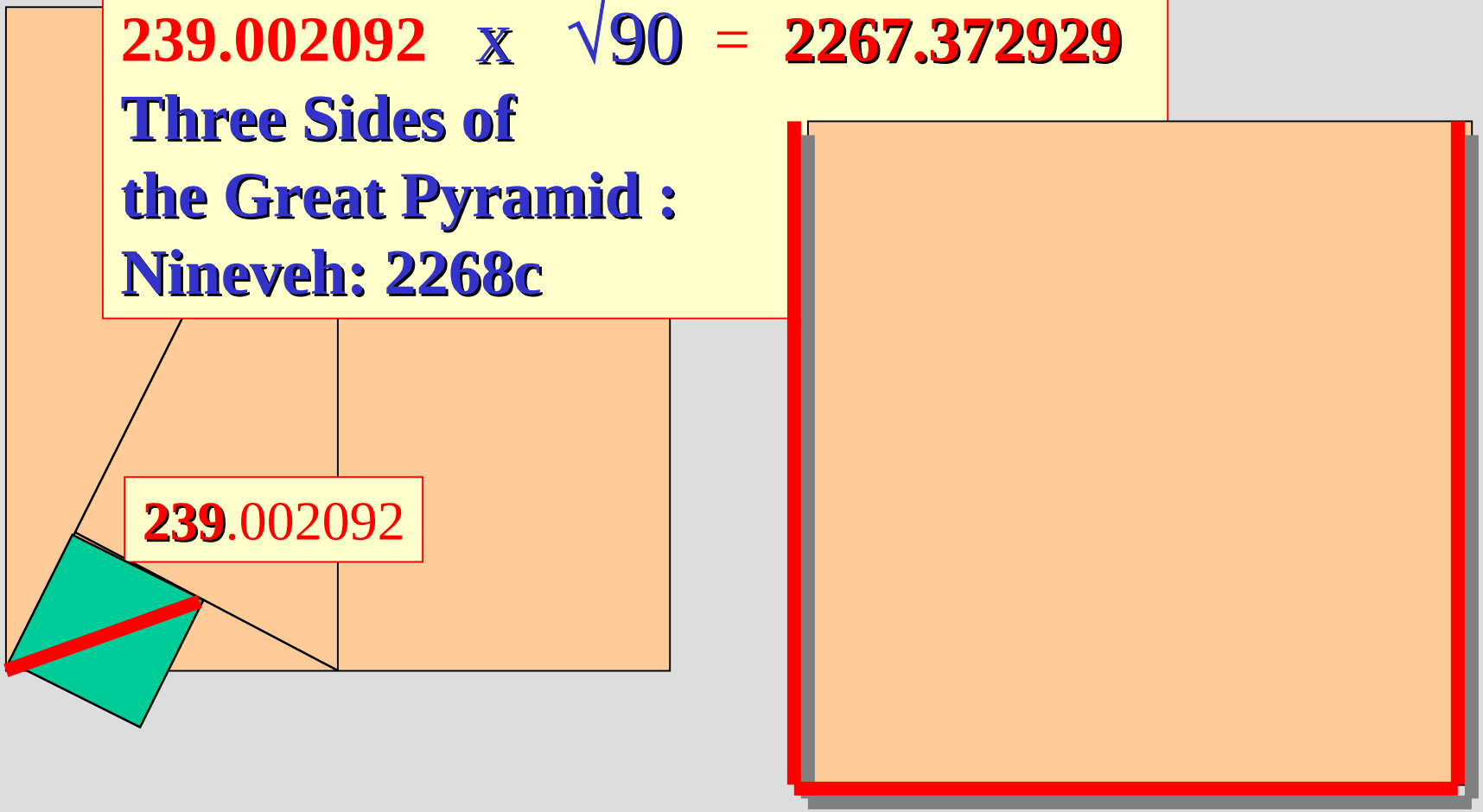
The Cross-Sectional Base of the Great Pyramid:

Perimeter Great Pyramid: A Theoretical Computation

$\sqrt{90}$

239.002092 x $\sqrt{90}$ = 2267.372929

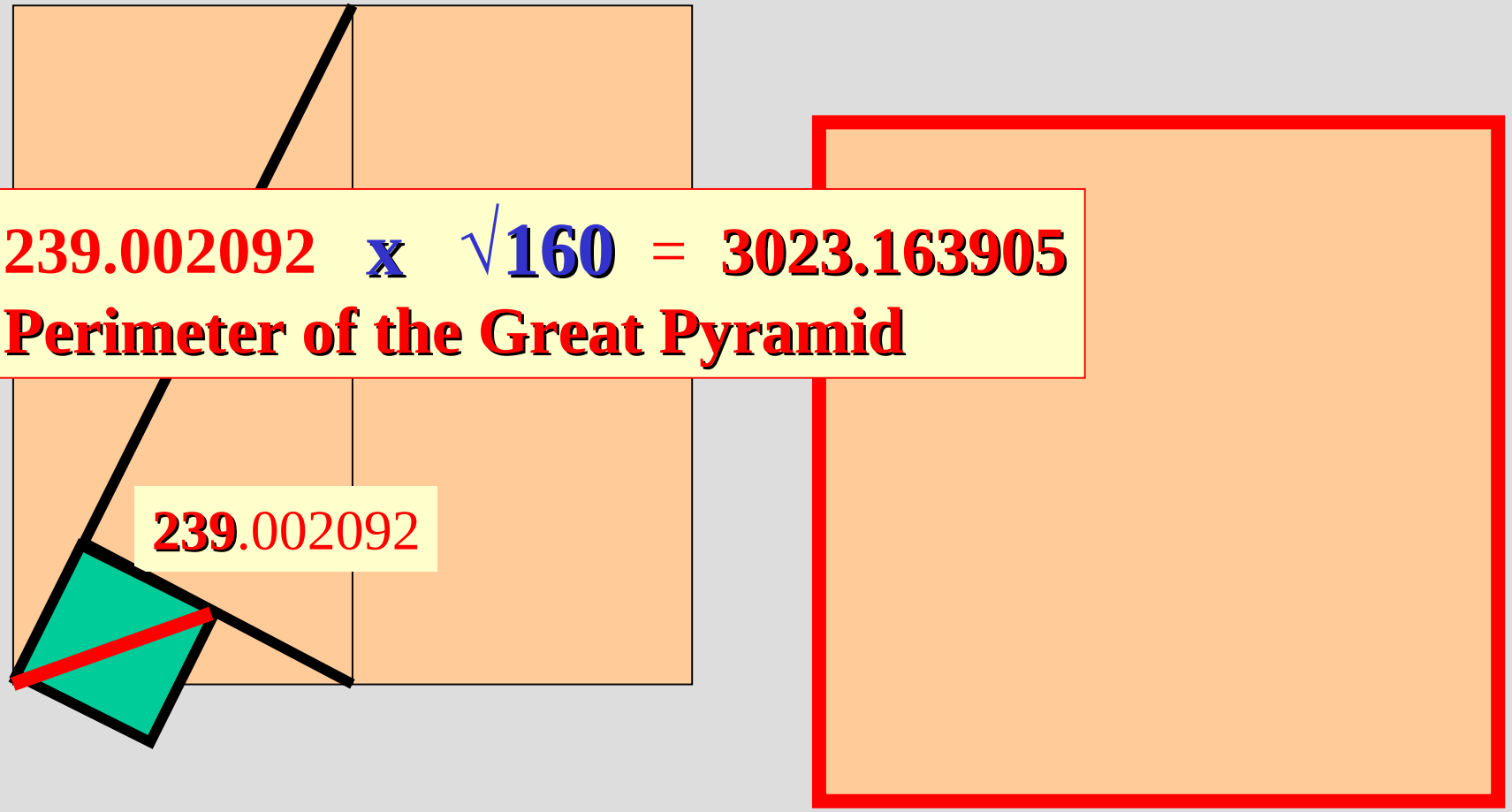
Three Sides of the Great Pyramid : Nineveh: 2268c



The Cross-Sectional Base of the Great Pyramid:

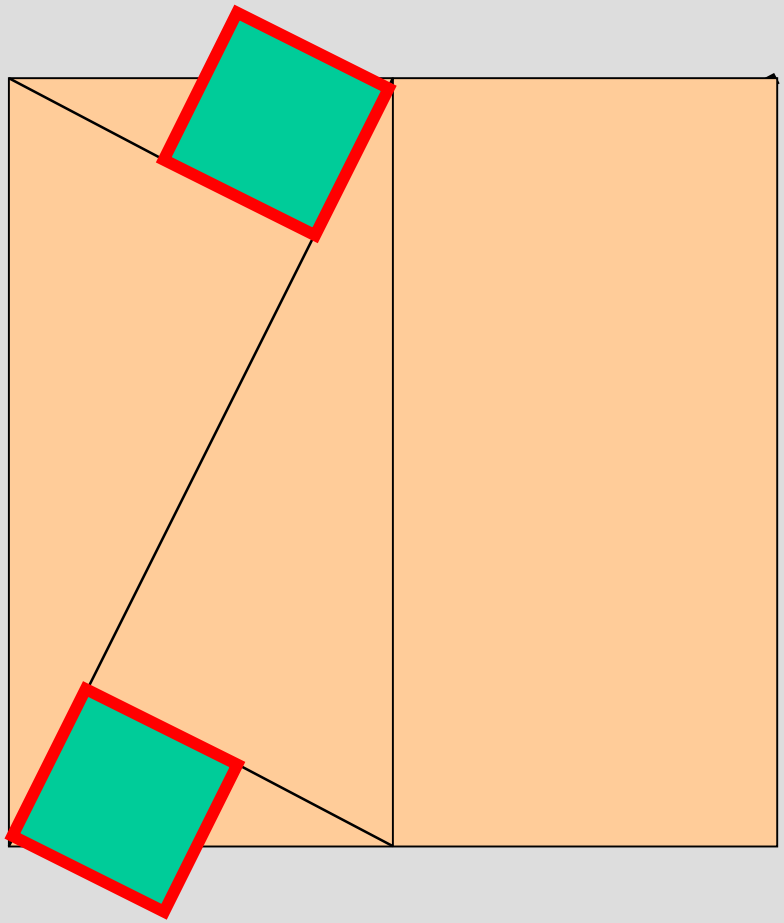
Perimeter: Great Pyramid / *A Theoretical Computation*

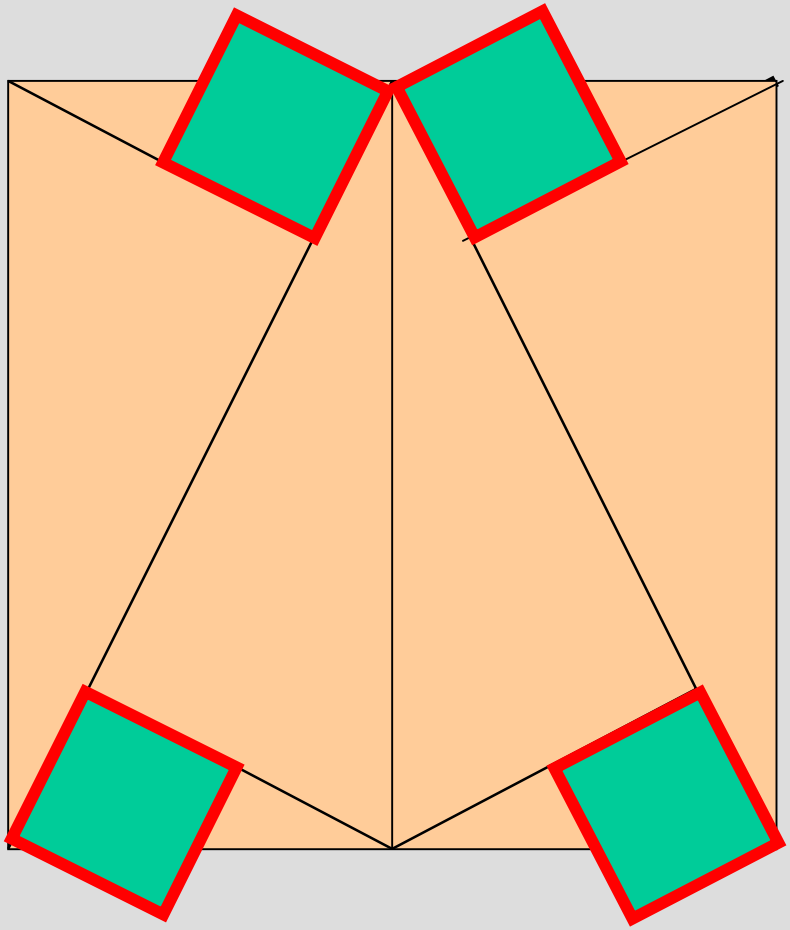
$\sqrt{160}$



The Cross-Sectional Base of the Great Pyramid:

Internal Triangles and Squares: A Hypothetical Design





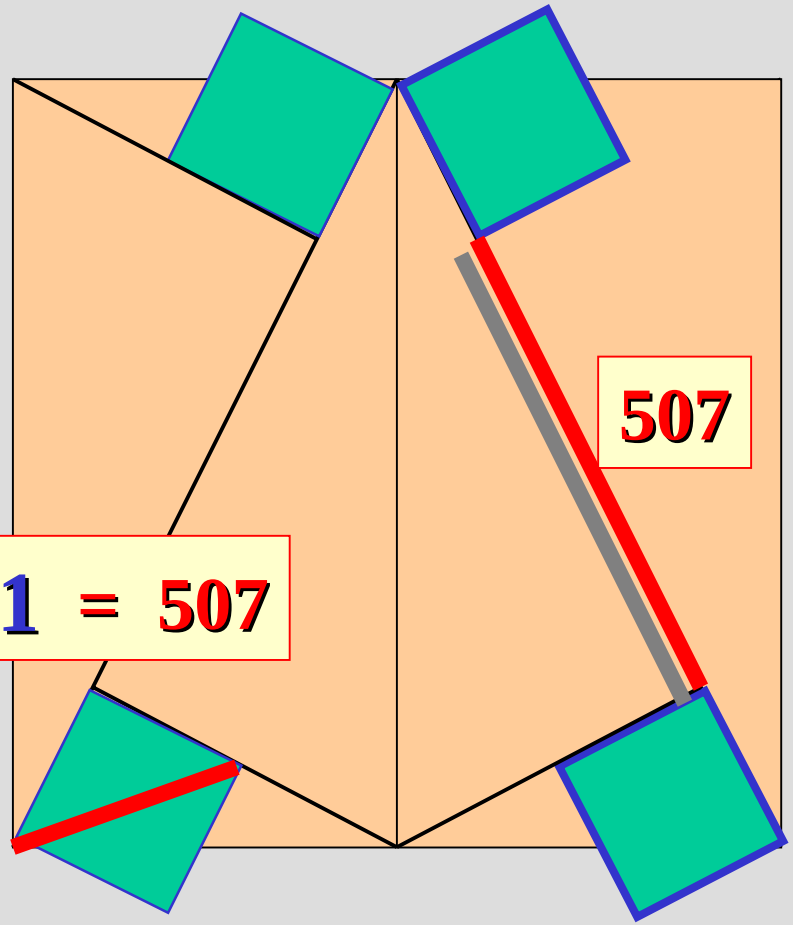
Each green square is 169 feet per side.

The Cross-Sectional Base of the Great Pyramid:

Internal Triangles: A Theoretical Computation

$\sqrt{4.5}$

The diagonal line times
the square root of 4.5
yields the diagonal
measure illustrated between
the squares: 507 feet.
We have adjusted the 4.5 figure
in order to achieve a whole
number expression for 507c.



239.002092 x $\sqrt{4.500000001}$ = 507

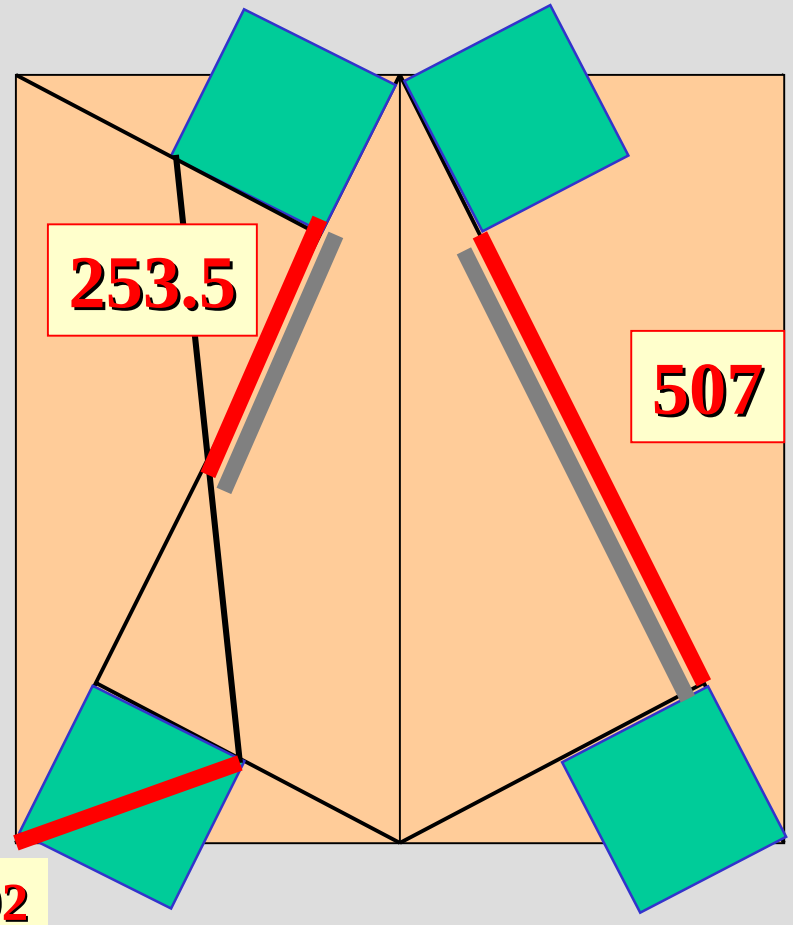
239.002092

The Cross-Sectional Base of the Great Pyramid:

Additional Internal Measures: Interconnecting Lines: **507 Feet**

507
4 x 253.5 = 1014
2028

The Meso-American Legend of the Fourd Worlds (Suns) 2028 years



The Cross-Sectional Base of the Great Pyramid:

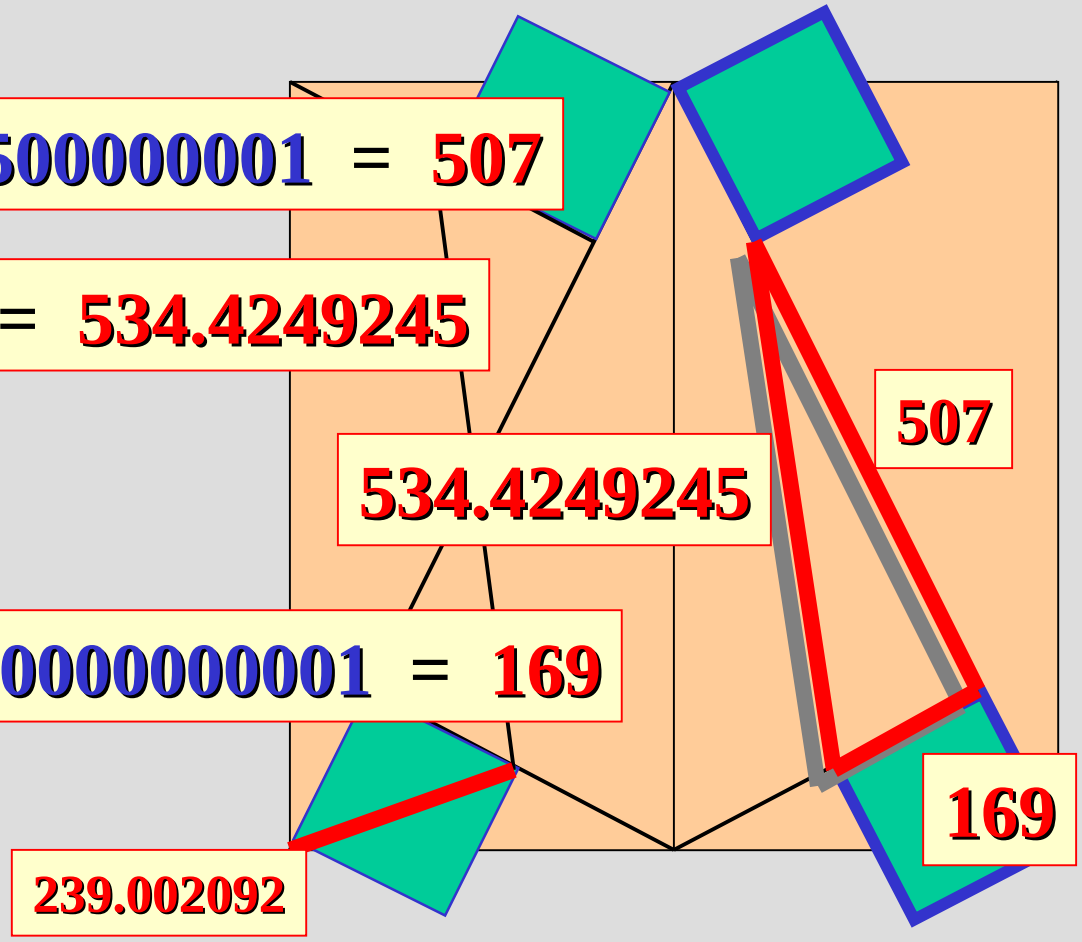
Internal Triangles: A Theoretical Computation

√2 √4.5 √5

239.002092 x √4.500000001 = 507

239.002092 x √5 = 534.4249245

239.002092 / √2.00000000001 = 169

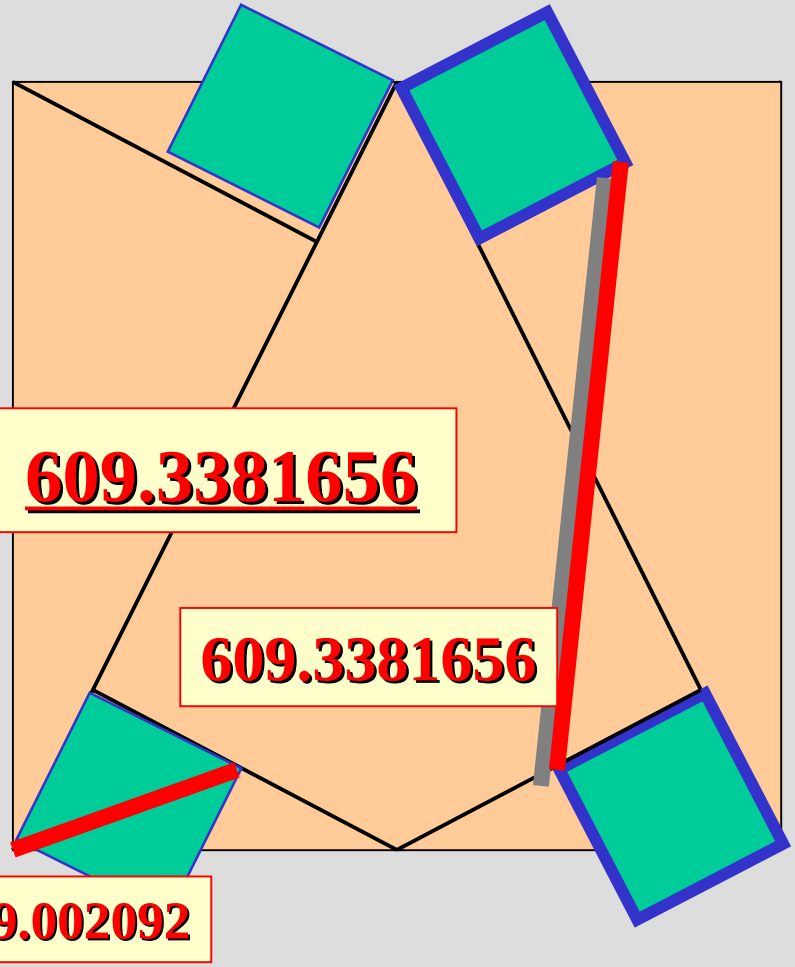


The Cross-Sectional Base of the Great Pyramid:

Internal Measures: A Theoretical Computation: **609.3381656**

√6.5

In this example, we employ the diagonal line of the green square:
239.0020292 Feet



239.002092 x √6.5 = 609.3381656

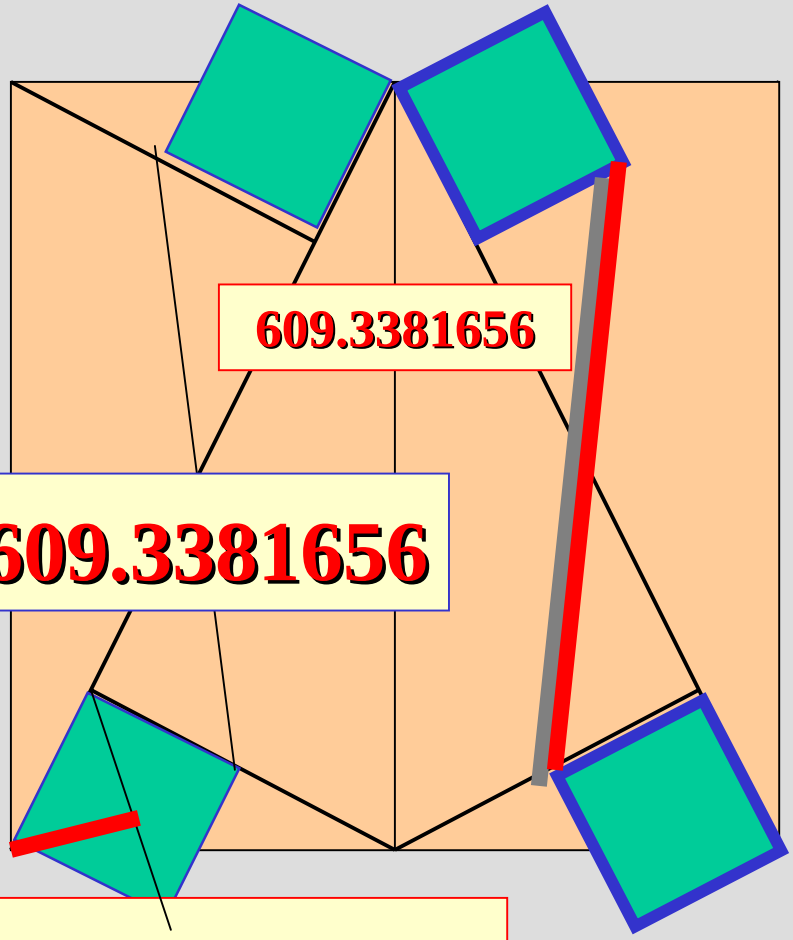
6.5, 13, 26, 52, 104...

The Cross-Sectional Base of the Great Pyramid:

$\sqrt{26}$

Internal Measures: Interconnecting Lines: **609.3381656 Feet**

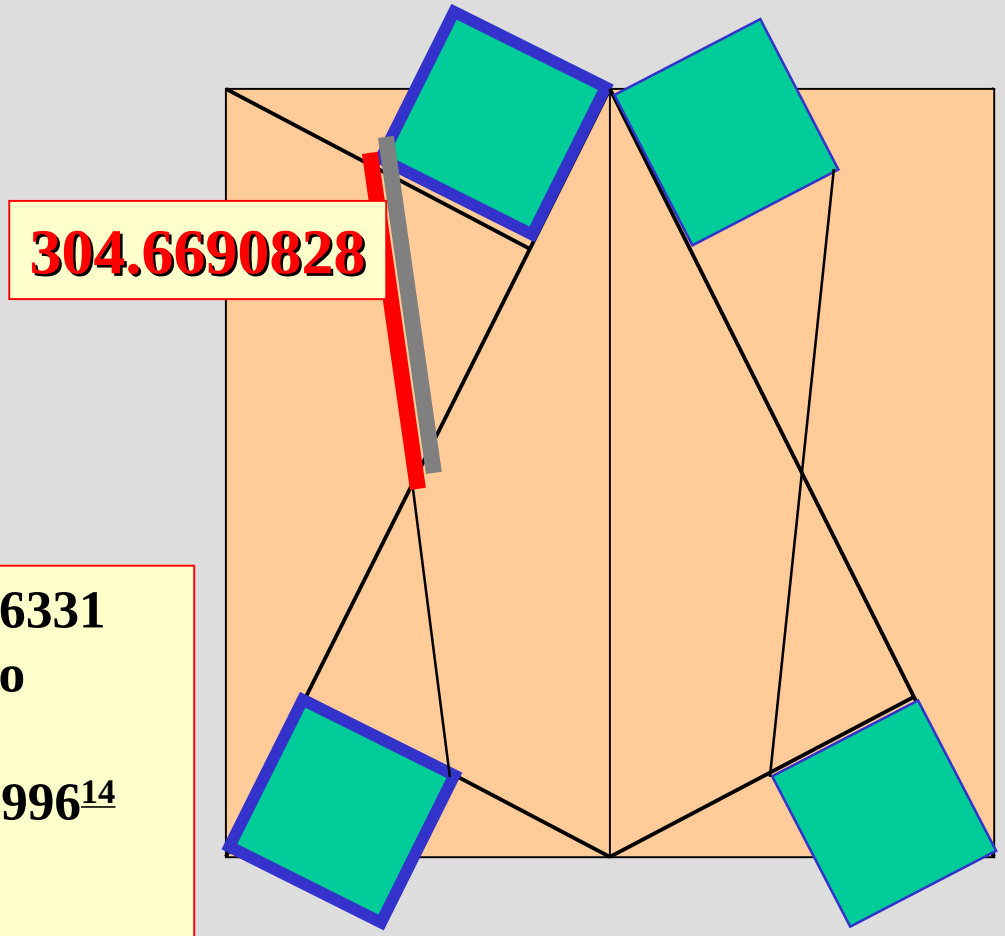
In this example, we employ half the diagonal line of the green square:
119.501046 Feet



119.501046 x $\sqrt{26}$ = 609.3381656

The Cross-Sectional Base of the Great Pyramid:

Internal Triangles: A Theoretical Computation

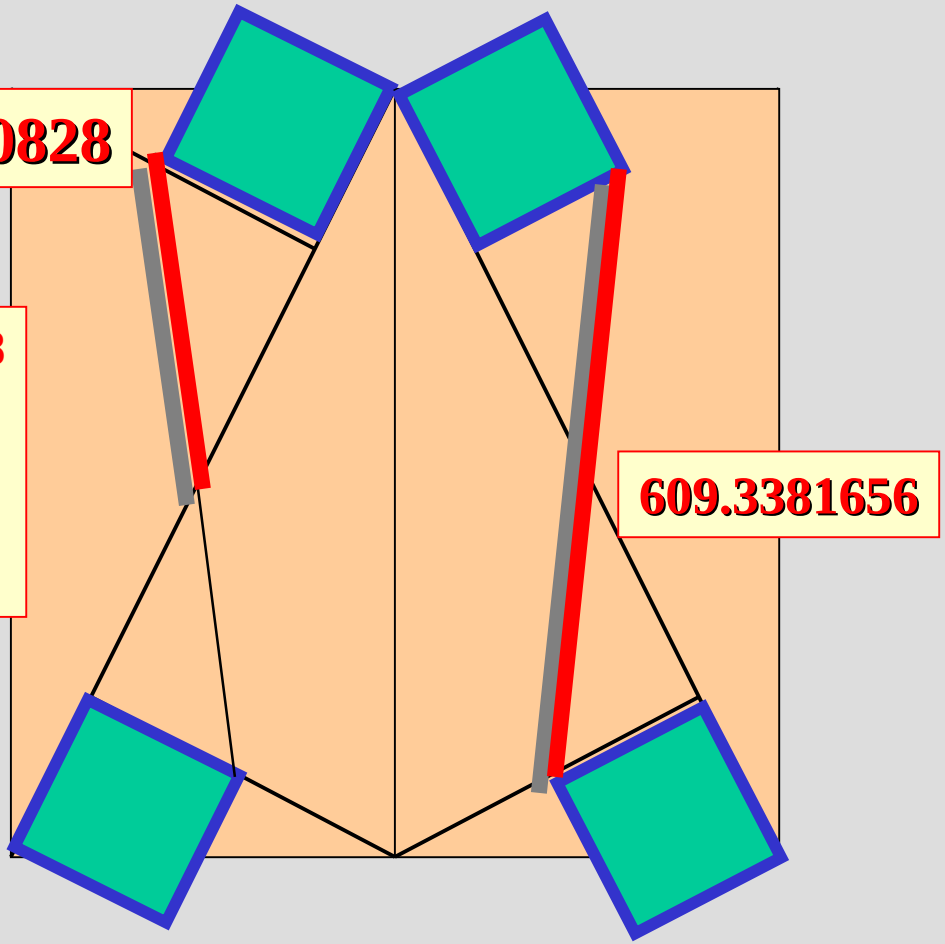


4 x 304.6690828 = 1218.676331
doubles to
…
1.674935996^{14}

Neutron mass: 1.67492716

The Cross-Sectional Base of the Great Pyramid:

Internal Triangles: A Theoretical Computation



1.674935996 / 304.6690828 = 549.7558138

3 x 549.7558138 = 1649.267442

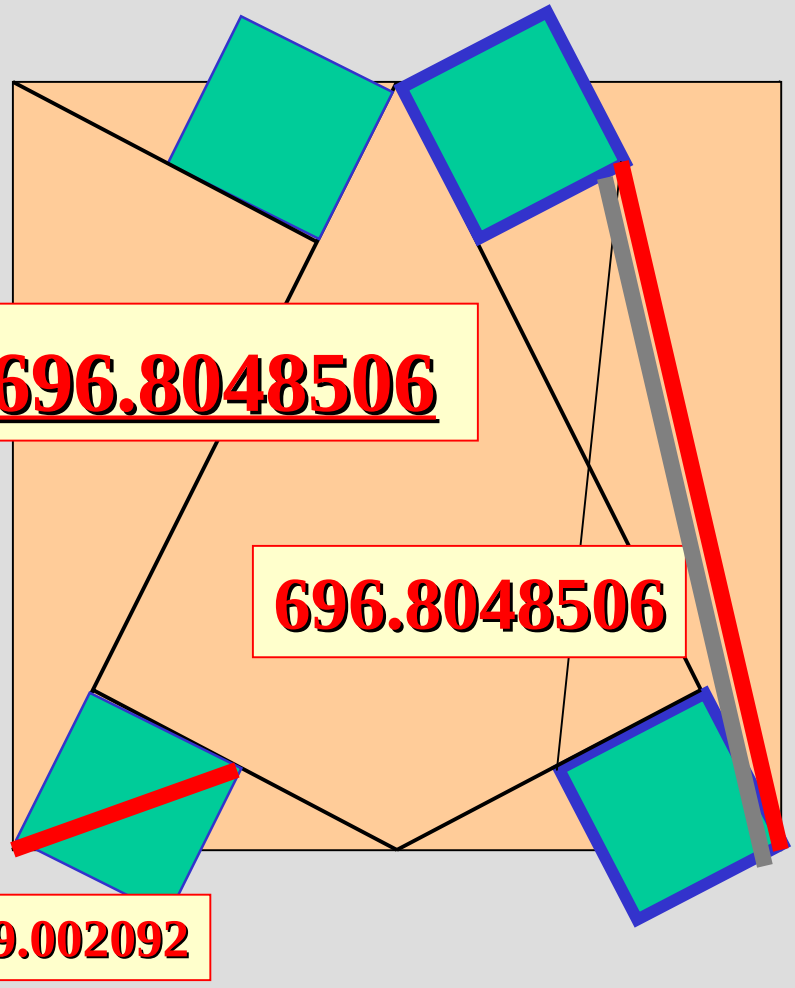
Sothic 1649.457812

The Cross-Sectional Base of the Great Pyramid:

Internal Measures: A Theoretical Computation

$\sqrt{8.5}$

239.002092 x $\sqrt{8.5}$ = 696.8048506



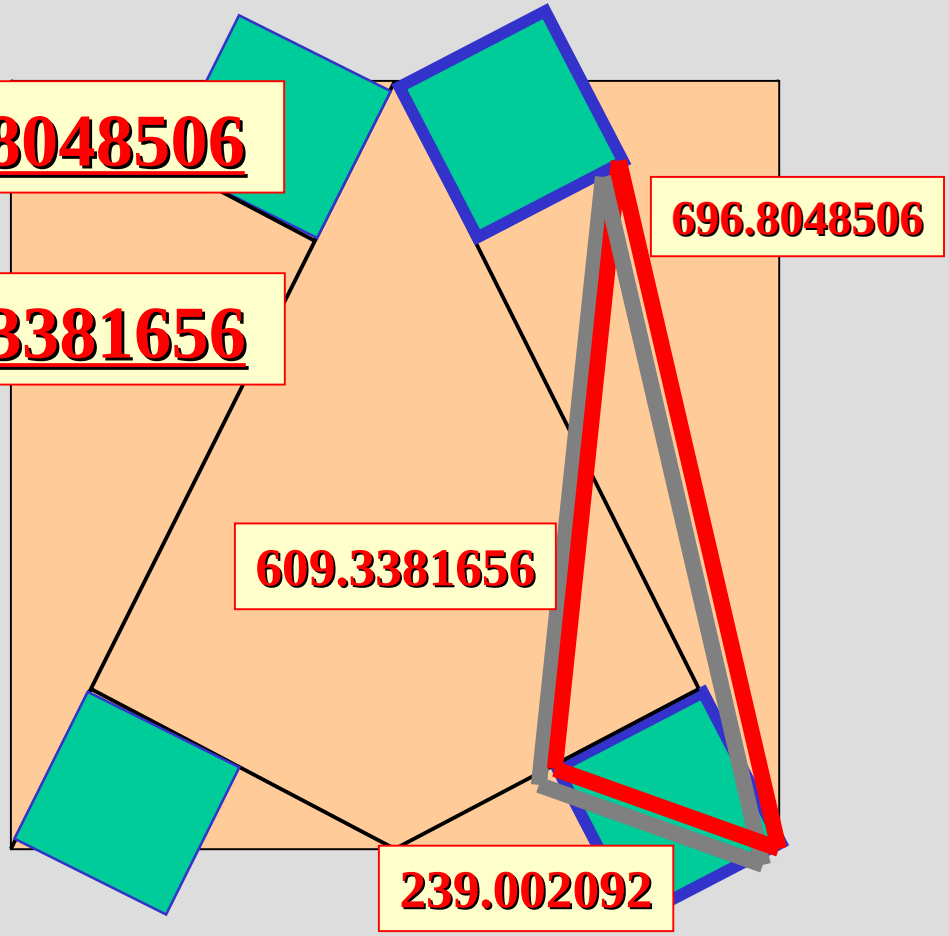
8.5, 17, 34, 68, 136...

The Cross-Sectional Base of the Great Pyramid:

Internal Triangles: A Theoretical Computation

239.002092 x √8.5 = 696.8048506

239.002092 x √6.5 = 609.3381656

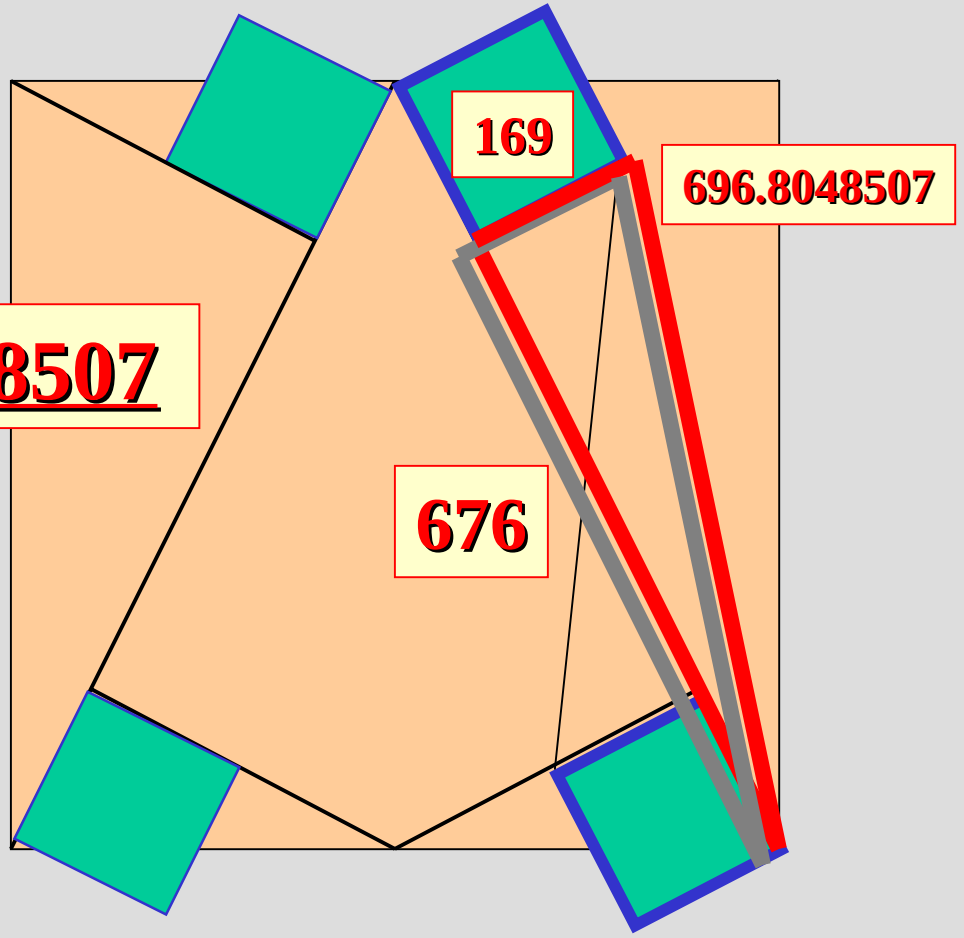


8.5, 17, 34, 68, 136...

The Cross-Sectional Base of the Great Pyramid:

Internal Triangles: ***The Pythagorean Theorem***

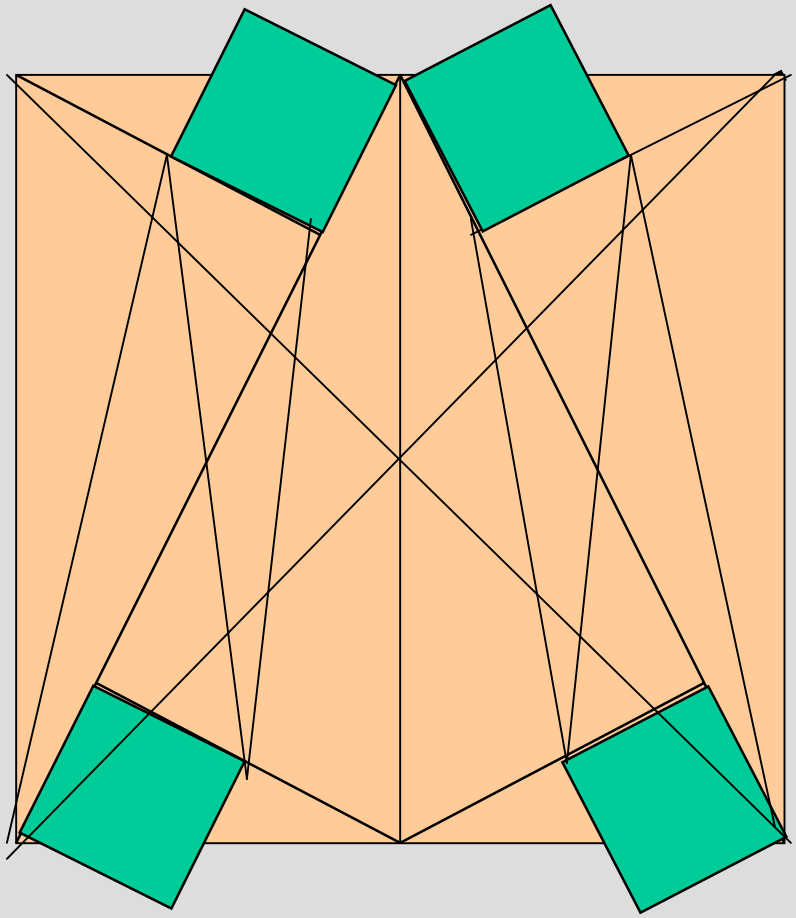
$$169^2 \times 676^2 = 696.8048507$$



The Cross-Sectional Base of the Great Pyramid:

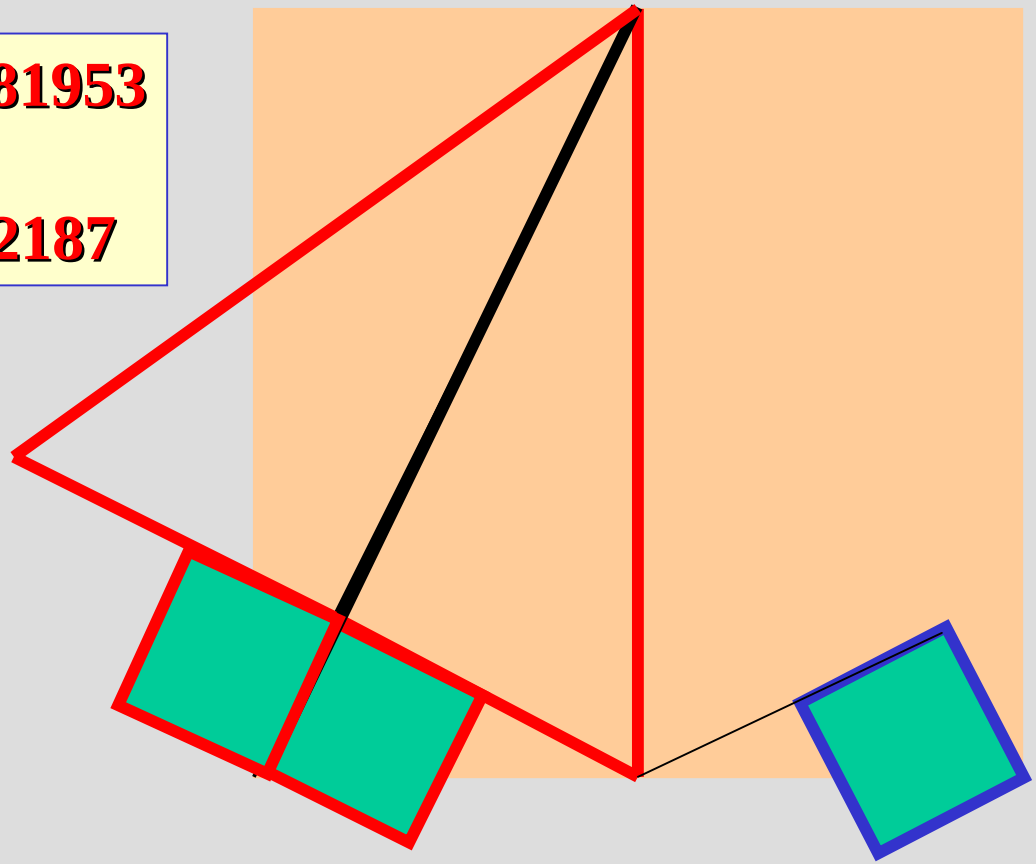
Internal Triangles and Squares: A Hypothetical Design

The lines that may be derived from the computations as illustrated are a function of the square roots of certain numbers as illustrated in this essay.



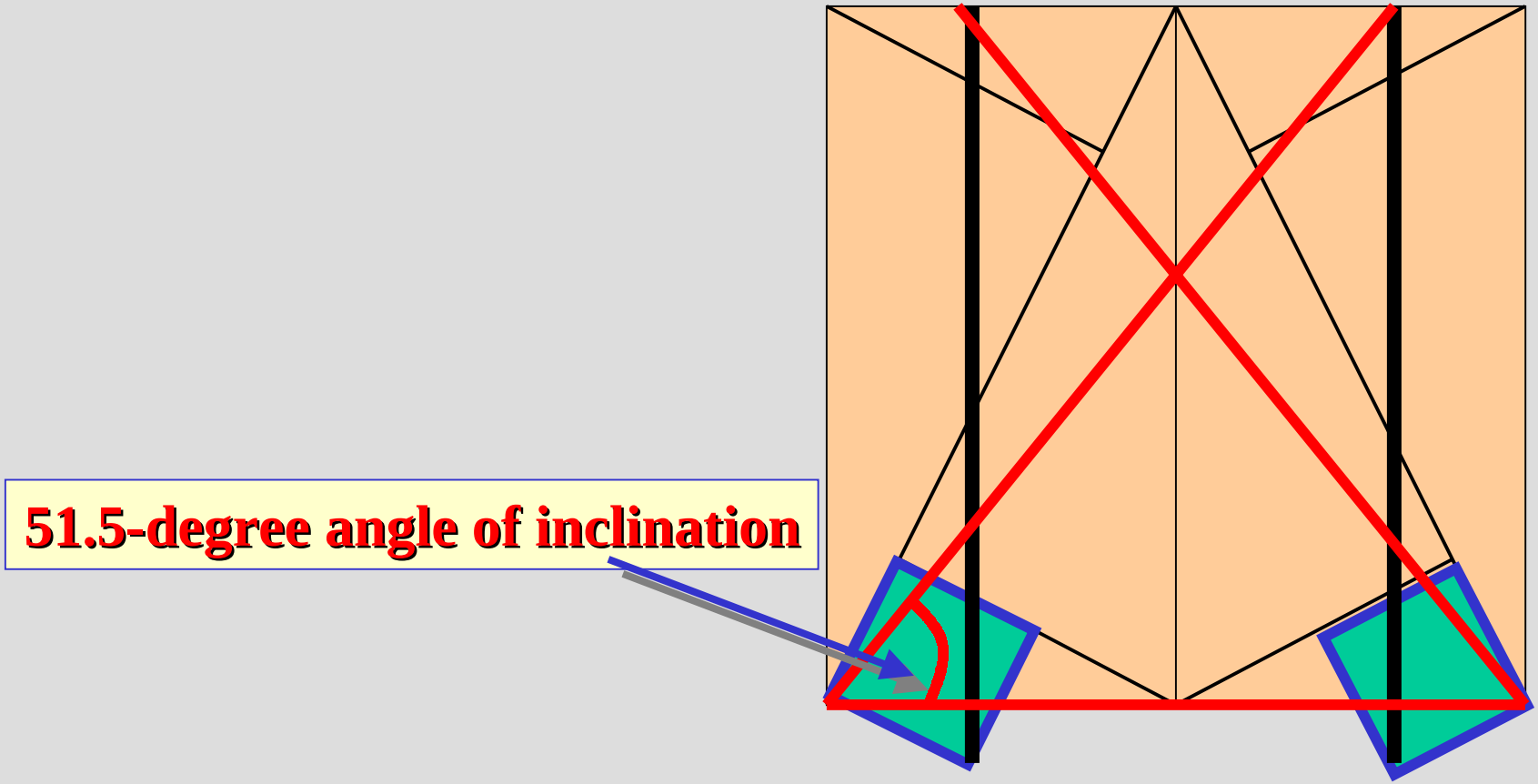
The Arrowhead

Total sum 2187.581953
Aztec Calendar
Center Number: 2187



The Cross-Sectional Base of the Great Pyramid:

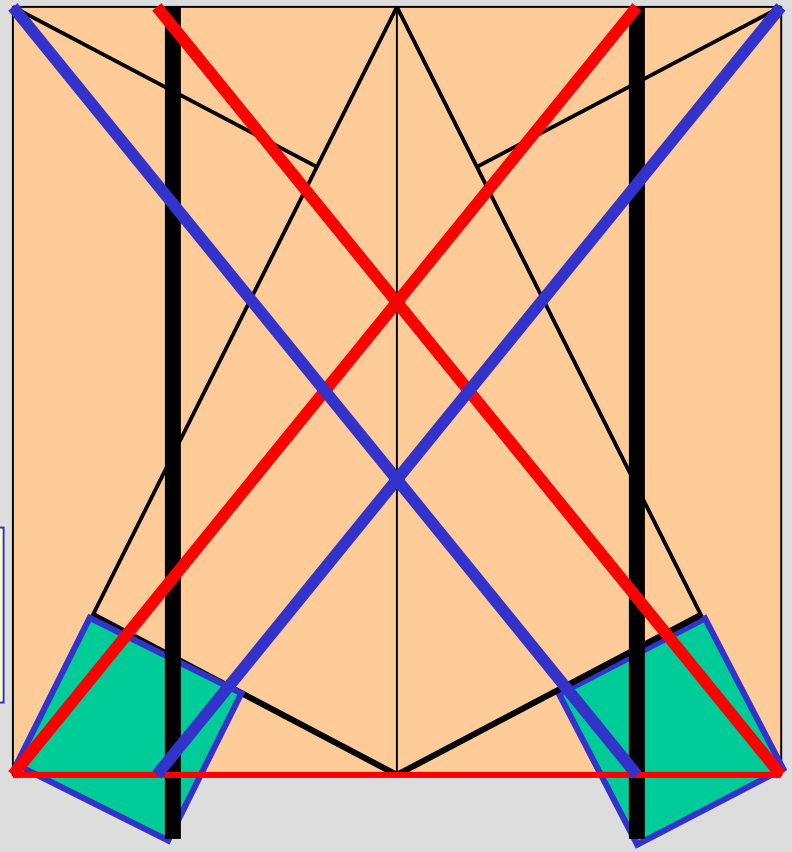
Profile View: A Hypothetical Design



The Cross-Sectional Base of the Great Pyramid:

Profile View: A Hypothetical Design

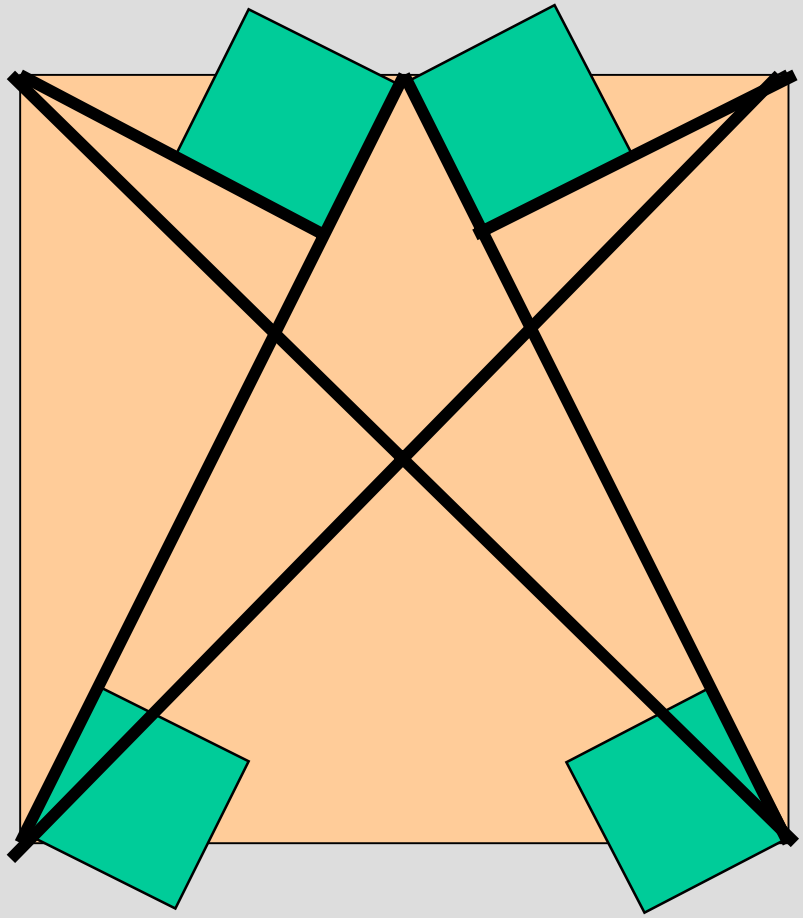
51.5-degree angle of inclination
Inverted Pyramid



The Cross-Sectional Base of the Great Pyramid:

Internal Triangles and Squares: A Hypothetical Design

The Star



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