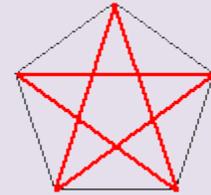


## SACRED GEOMETRY

### SPIRITUAL MEANING OF THE PENTAGON AND THE PENTAGRAM

#### INTRODUCTION

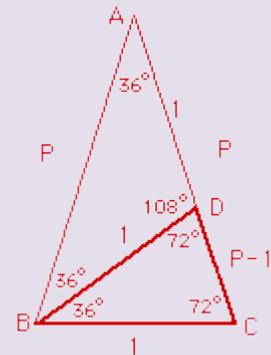
The Pentagon has five equal sides. The Pentagram is a five point star, with equal lines connecting the points. The points of both objects are the same: both geometries display the same meaning different ways. Taken together, the whole meaning is grasped.



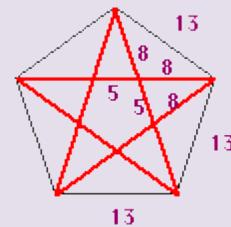
The key dimension of both geometrical objects is five (5).

#### CONNECTION TO THE GOLDEN RATIO (PHI)

A triangle having two **72** degree angles at the base and a **36** degree angle at the point has special golden ratio properties. Taking  $BC = BD = AD = 1$ , then  $AB = AC = \text{Phi (P)}$ . Furthermore,  $DC = \text{Phi} - 1$ . This is the triangle formed at each of the five points of the pentagram. This is also the triangle formed with base = length of side of the pentagon. Note: The ratio of each Fibonacci number to the one prior is Phi.



The ratio of  $8/5 = 98.8\%$  Phi, and the ratio  $13/8 = 100.4\%$  Phi. So these numbers are close approximations of the relative distances of the line segments of the geometry. The longest straight line is **21**. The fourth to seventh Fibonacci numbers are: **5, 8, 13, and 21** !



#### AREAS WITHIN THE GEOMETRY

Count of enclosed spaces (Areas) Inside Pentagon = **6**, Outside Pentagon = **5**, Within Pentagon = **11**.

#### ANGLES WITHIN THE GEOMETRY

Inside there are only three angles: **36** degrees (occurs **15** times), **72** degrees (occurs **10** times), and **108** degrees (occurs **10** times). All the angles are multiples of **36**. Each angle occurs a multiple of **5** times. The total number of degrees of all interior angles is **2,340 = 36 x 13 x 5 = 6 x 39 x 10**.

## SPIRITUAL NUMBER ANALYSIS

The spiritual numbers<sup>1</sup> associated with the Pentagon / Pentagram:

		Frequency
<b>5</b>	= <b>WEAKNESS / GRACE<sup>2</sup></b>	10
<b>6</b>	= <b>MAN<sup>3</sup></b>	1
<b>8</b>	= <b>HOLY MAN</b>	10
<b>11</b>	= <b>FEAR / MYSTERY<sup>4</sup></b>	1
<b>13</b>	= <b>REBELLION<sup>5</sup></b>	5
<b>21</b>	= <b>LAWLESSNESS<sup>6</sup></b>	5
<b>25</b>	= <b>UTTER HELPLESSNESS / FORGIVENESS OF SINS</b>	1
<b>36</b>	= <b>EXALTING MAN<sup>7</sup></b>	15
<b>65</b>	= <b>APOSTACY</b>	2
<b>72</b>	= <b>EVANGELIST<sup>8</sup></b>	10
<b>105</b>	= <b>WEAKNESS (5) of LAWLESSNESS (21) = END (7) of PEACE (15)</b>	1
<b>108</b>	= <b>WANDER (4) from HOLY TRUTH (27)<sup>9</sup></b>	10
<b>170</b>	= <b>WEAKNESS (5) of MAN'S RELIGION (34)<sup>10</sup></b>	1
<b>2,340</b>	= <b>WEAKNESS (5) of REBELLION (13) of EXALTING MAN (36)<sup>11</sup></b>	1

Numbers highlighted in bold **Red** (8 and 72) are numbers that are good, numbers highlighted in bold **Black** are bad, and some numbers (5 and 25) can be good or bad depending on the context. Note the primary meaning of 5 is **WEAKNESS**, the secondary meaning is **GRACE**. There is so much rejection of God in this geometry that His **GRACE** is nullified. All that is left is **WEAKNESS**, even the **UTTER HELPLESSNESS** of Man, as symbolized by the spiritual number 25.

<sup>1</sup> Spiritual Number Meanings are available in Section 2.0 Themes of [www.biblenumbersforlife.com](http://www.biblenumbersforlife.com)

<sup>2</sup> Length of side of Interior Pentagon (occurs 5 times) plus count of enclosed spaces not within the Pentagon

<sup>3</sup> Count of enclosed spaces within Pentagon

<sup>4</sup> Count of enclosed spaces within whole Object

<sup>5</sup> Length of Sides of Pentagon is 13 (occurs 5 times, so 13x5 = 65 is also associated)

<sup>6</sup> Length of Pentagon Line from point to point is 21 ( 8 + 5 + 8) (occurs 5 times, so 21x5 = 105 is also associated)

<sup>7</sup> Most acute angle (occurs 15 times)

<sup>8</sup> Base of triangles ending in the five points of the Pentagon (occurs 10 times)

<sup>9</sup> Interior angle of point of Pentagon

<sup>10</sup> Total length of all lines ( 170 = 65 + 105 )

<sup>11</sup> Sum of all interior angles within the object = 2 x 5 x 108 (Two Pentagons) + 5 x (360-108) (lines between)

## PRINCIPLES OF SPIRITUAL INTERPRETATION OF GEOMETRY

The principles of interpretation of the spiritual meaning of numbers in geometric figures will be:

- (1) Whatever is "Outside", or farther from center, DOMINATES what is "Inside", nearer to center
- (2) DOMINATION means "Restrain" or "Protect" but always has the sense of "Suppress" or "Hide"
- (3) When you see two of the same numbers opposed by a third number, the meaning of the two numbers shall be DIVIDED not doubled. <sup>12</sup> Division has the sense of conflict, and the result of being divided is to lose the conflict. For example, the third number could be the unique angle inside an equilateral triangle, or the length of the unequal side of an equilateral triangle.
- (4) Being larger in area, longer in length, or greater in magnitude does not imply DOMINATION. Spiritual meaning of length is tied to the number. DOMINATION refers to relative position.

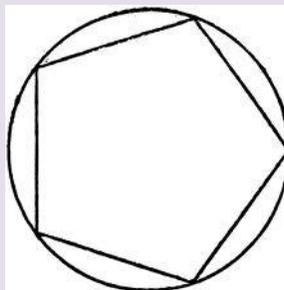
References that support the meaning of DIVISION to be "to oppose in a conflict, to defeat, to destroy":

- (1) When the people became strong, spoke one language, and began to build a city and a tower up to the heavens, the Lord DIVIDED the nations each to a separate territory, confused their languages and scattered them all over the world. (Genesis 11:1-9)
- (2) "Every kingdom that is DIVIDED against itself will be ruined, and a house DIVIDED against itself will fall." (Luke 11:17)
- (3) "You DIVIDED the sea before them ... their persecutors you threw into the deep." (Neh. 9:11)

## SPIRITUAL MEANING OF PENTAGON / PENTAGRAM

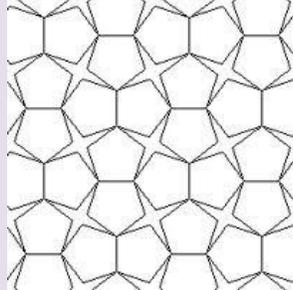
There is a lot of information in these geometries, so we will divide the analysis into sections:

- (1) **A pentagon fits inside a circle.** A circle is a symbol of infinity, because the line never ends or comes to a point. The universe is infinite. A **circle is also a symbol of the meaning of the universe,** because it is something infinite that can be grasped or seen with our eyes. The fact the five points of a pentagon fit within a circle suggests a pentagon is an explanation of the meaning of the universe. **A pentagon is a world view.** As we shall see, the core of this world view is **We are Alone** and **There is no God.**



<sup>12</sup> This is the same principle used in spiritual number interpretation. See Theme 1 in Section 2.0 Themes of the website [www.biblenumbersforlife.com](http://www.biblenumbersforlife.com)

- (2) A pentagon stands **ALMOST COMPLETELY ALONE** on a two dimensional surface. Pentagons with equal sides cannot be tiled.<sup>13</sup> In other words, if you try to fit them together into a community on a page, the sides will not all match up. In the example below, we see a very weak structure, where only one side of the pentagon touches another pentagon.



The fact pentagons cannot tile suggests those who hold this world view have an inability to live in harmony. “**The way of Peace they do not know**” (Isaiah 59:8) People are prevented from strengthening them and the potential for intimate connection with others is limited. A pentagonal philosophy is a life **ALONE**: a life without God, without family, without community. It is completely self-centred and self-absorbed. “**The fool says in his heart, there is no God. They are corrupt, their deeds are vile; there is no one who does good.**” (Psalm 14:1)

- (3) This philosophy believes Man is Supreme and There Is No God. The key spiritual number is **36**, which means “**EXALTING MAN**”<sup>14</sup>. The angle of **36** degrees is found in every angle in the geometry, either by itself or a multiple thereof. The sum of the interior degrees of all the angles in the object is 2,340 = **65 x 36**. The meaning of **65** is “**APOSTACY**”<sup>15</sup>, or rejection of faith. Note: This number also occurs as the sum of the length of the Outer Pentagon. Another spiritual number in the geometry which relates to this is the number **13**, which means **REBELLION**. Specifically, rebellion to God’s rule, revelation, and relationship. This world view, typified by the **6** distinct enclosed spaces in the center of the Pentagram, **EXALTS MAN** as the answer to all things, and **REJECTS GOD**. The philosophy considers the strength of man, the wisdom of man, the heart of man all to be great and sufficient to meet all human needs. This philosophy says God does not exist, and He is not needed for anything in any case.
- (4) God has a left a witness to those who follow this philosophy but they suppress it. The number **8**, meaning **HOLY MAN**, is found 10 times. The number **72**, meaning **EVANGELIST**, is found 10 times. These are two good numbers represent the **DIVINE LIFE** at work in believers (8), and the offer of **DIVINE LIFE** by God’s messengers, the evangelists. However, in every case where these numbers occur, they occur as a pair in an equilateral triangle opposite a bad spiritual number which **DOMINATES** them (see Principles of Spiritual Interpretation of Geometry above). In the

<sup>13</sup> The reason is the internal angle of a pentagon is equal to  $3\pi/5$  is not a divisor of  $2\pi$ .

<sup>14</sup>  $36 = 6$  squared. Six is the number of man. Six squared means “The Ultimate Man”, or man is supreme.

<sup>15</sup> The 65<sup>th</sup> book is Jude. Jude speaks of godless brutish men who slip into the community of believers and spoil it. Such people are grumblers, fault finders, boasters, and flatterers. They reject authority, speak abusively, feed only themselves, and are trees without fruit. They are scoffers who live by natural instinct. They are totally unspiritual.

equilateral triangle at the points of the pentagram, the length of each of the two equal sides is **8**, but they are dominated by the length of the unequal side, which is **5**. In the angles of the same triangles, the pair of equal angles of **72°** are dominated by the unequal angle of **36°**. In the equilateral triangles formed using the side of the outer Pentagon as a base, the equal lengths of **8** are dominated by the unequal length of **13**. Although God has left a witness, this philosophy scoffs and dismisses those witnesses. The situation is actually worse than that. Those who reject God are not genteel seekers after truth who graciously consider both sides in a matter. These brutes destroy and suppress the truth wherever they find it. **“The wrath of God is revealed from heaven against all the godlessness and wickedness of men who suppress the truth by their wickedness.”** (Romans 1:18)

- (5) This philosophy will never find the truth. This philosophy looks within man for an answer to the meaning of the universe. Man did not create the universe, he can know little about it by looking within himself. Inscribed within the lines of the Pentagon is an inner Pentagon. None of the lines from the outer Pentagon, the inner Pentagon, or the Pentagon touch the center. Even if a smaller Pentagon is inscribed inside the inner Pentagon, none of its lines will touch the center of the object either. If man were able to search endlessly to find truth within himself, he would never find it. This is represented in the geometry in the spiritual number **11** which means **MYSTERY**. As the Scripture says **“He has also set eternity in the hearts of men; yet they cannot fathom what God has done from beginning to end.”** (Ecclesiastes 3:11) and **“evil doers never learn”** (Psalm 14:4)
- (6) This philosophy despises authority, practices lawlessness, and leads to anarchy. Rejecting God means rejecting the authorities God has put in place. The number **21**, meaning **LAWLESSNESS**<sup>16</sup> occurs five times in this geometry. Even if laws are there for the public good and governments are there for protection of law and order, this philosophy will only pursue self-interest. It will follow the natural instincts of carnal desires and throw off the constraints of conscience, social convention, and legal authority. There will be no concern for others. If enough people live this way, all the institutions that are the foundations of civilization will crumble, and anarchy will result. The end will be death and destruction. The Greek word for a person who thinks only in self-interest is **IDIOT**. The Bible word for that person is **FOOL**.
- (7) This philosophy is a religion, symbolized by the spiritual number **34**, which means **MAN’S RELIGION**. It is a religion because it is a belief system about the universe that is promoted by institutions with faithful devotees. In this case, the chief institution is the Western education system. From earliest years the acknowledgment of God is suppressed. No prayers are ever spoken, no references to Scripture are ever quoted. The logic and the thoughts of man are exalted. The high priests of this religion sit at the pinnacle of knowledge. They are the university professors. PhD means Doctor of Philosophy. The word University comes from the

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<sup>16</sup> 21 = 7 x 3. Seven means: THE END, three means: GOD. Twenty-one means: THE END OF GOD. No God, no authority. No authority is lawlessness.

word Universe. They hold a philosophy of the universe and it is **We Are Alone** and **There Is No God**. The total length of all lines in the Pentagram plus Pentagon is **170**, which equals **5 x 34**. The meaning of **5** is **WEAKNESS** and the meaning of **34** is **MAN'S RELIGION**. This religion is weak because its explanation for the origin of the universe so obviously cannot be true. A big bang results in energy becoming mass and particles with opposite charges organizing themselves into atoms held together by a strong nuclear force? A chemical soup on a primordial planet that with enough time randomly becomes highly organized life forms arranged in a complex network of inter-relationships? Atheism depends on blind faith. Theism at least offers evidence that a supremely intelligent all powerful designer has been at work.

## CONCLUSION

The overall spiritual message of this geometry is ATHEISM.

Ancient cultures were far too wise to fall for this man centred philosophy. Peoples of ancient times understood from creation there must be a Creator. Some of those cultures were deceived into worshipping gods of wood and stone. But to suggest to them the concept that man is alone, the supreme form of life in the universe, and the sole arbiter of what is good would have brought derision and disrespect immediately. Even the classical Greek philosophers, who did not fear God, were concerned with issues of moral ethics, the virtuous life, and the social good. Yet, the modern phenomenon of isolated people, pursuing selfish desires, suppressing the witness of God, and living without respect for others or any moral law is not unprecedented. Consider the days of Noah prior to the flood:

**"The Lord saw how great man's wickedness on the earth had become, and that every inclination of the thoughts of their heart was only evil all the time."** (Genesis 6:5)

Those ungodly people were judged for their sin. It is a sober warning not to be taken lightly. One can pretend there is no God, but those people find out in the end what a great mistake they made:

**The LORD was grieved that He had made man upon the earth, and His heart was filled with pain. So the LORD said, 'I will wipe mankind, whom I have created, from the face of the earth...for I am grieved that I have made them'"** (Genesis 6:6-7)

## CREDITS

For Geometric Diagrams: Dr. Ron Knott, website: <http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/phi2DGeomTrig.html>