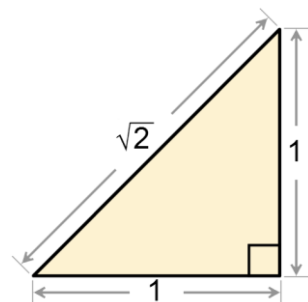




THE UNIVERSE BY THE NUMBERS

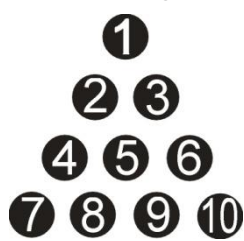
In school we always learned about the quantitative part of mathematics and the numbers and letters that make it up. However, most of us were never taught about the quality of numbers and their meanings to the ancients. Did you know that geometry existed before algebra? Arithmetic formulas were added later on by Eculid and others to express mathematically what others were already doing with the compass and strait edge ruler.

Pathagoras of Samos (495 BC) was an *Ionion* Greek philosopher and was the founder of a religious movement called *Pathagorism*.¹ He was a scientist, a



geometrist, a mathematician, and a spiritual leader. He is famous for his *Pathagorean theorem*. It can be written $A^2 + B^2 = C^2$. We were taught this in school and it is how we find the square of the hypotenuse of a right angle triangle.

Pathagoras taught that the universe came into being through number, mainly one through ten. He called this concept the *Decade*. It can be expressed $1+2+3+4=10$.



Qualitatively and visually, it represents the four stages of universal cosmology.

The Monad or One is the point of manifestation of our universe, the spiritual drive behind the physical Big Bang. From this point, the original homogeneous substance of existence becomes polarized (or dual) in nature. Through its heterogeneous separateness and union, it gives birth to the third. The third lays the foundation for the fourth, and the fourth gives expression to the physical side of the universe. The next time you look at your ten fingers, you might want to take time and reflect on why you have ten fingers. It is no accident. It is a sacred mystery.²

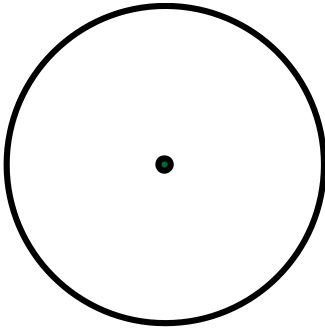
The Secular, Symbolic, and Sacred Purpose of Numbers

When we use numbers and geometry to launch rockets, build damns, and do bookkeeping, we are using numbers in a practical and secular way. When we use geometry to represent meanings, we are using this mathematical art in a symbolic way. We see this expressed a lot in corporate logos, religious symbols and etc. However, when we begin to see the geometry as existing within us, we begin to see the sacredness of it.

The mystics and the occultist know this and use sacred meditative mandalas and etc. to elicit a spiritual reaction within us. This is because the sacred is within us. Our gifts merely need to be stirred up and used to develop them. Let us look at a few examples of just how geometry and numbers are living all around and through you.

MONAD: The Wholly One

The simplest expression of the ONE is the circle with a center point. As Plato once said, “You cannot conceive the many without the one.”³



This symbol of the Monad represents the unity of all existence.

All great seers, both East and West have always taught the unity of all things. We also see this reflected in the “entanglement” concept of quantum physics.

The ancient philosophers conceived that the Monad breathes in the void and creates all subsequent numbers (111111111 X 111111111 = 12345678987654321). The ancients did not consider the Monad to be a number but rather the parent of all numbers. The point in the middle of the Monad figure is the point of manifestation of the universe on all levels of existence.



We see in the Buddhist’s wheel of life the use of the circle to express the unity and recycling of existence. All the realms of existence are unified through the transcendent emptiness of the unknown ONE.⁴

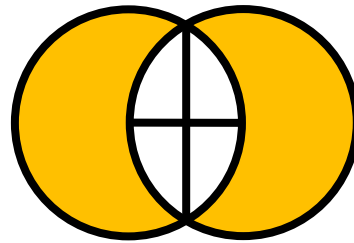
However, modern advertisement knows the power of the circle on the subliminal level of the human subconscious and uses it all the time. Just look at the signs and billboards that are strewn all over our highways. Also notice the use of this symbol on the internet.



AT&T uses this symbol in the more spherical form to express its total world network. Government seals, seals on diplomas are all expressions of unity

and completeness.

DYAD: It Takes Two to Tangle



The seer and philosopher Sri Aurobindo Ghose once said, “The whole world is only he and she.”⁵

Geometrically this is expressed as a second circle which allows a line to drawn between them. This represents the polarity of the universe so amply expressed in the Yin/Yang symbol of Chinese cosmology.

This shape (as shown above) is also called the *Vesica Piscis* or bladder of the fish. It really is the womb by which all the other geometrical figures can be constructed from one to ten just using a compass and ruler.



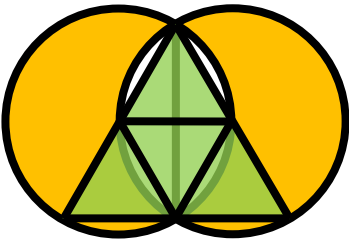
Symbolically, we see this symbol in the Master Card emblem. We also see it in architecture.

But without this polarity the universe would cease to exist from the atom to the galaxy. Therefore as the French say, *Viva La Difference*.

TRIAD: Three-Part Harmony

Nichomachus of Gerasa once said, “The Triad is the form of the completion of all things.” Building on the *Vesica Piscis*

geometry, we see the emergence of the three. Even the number three when we write it has a beginning, middle, and an end.



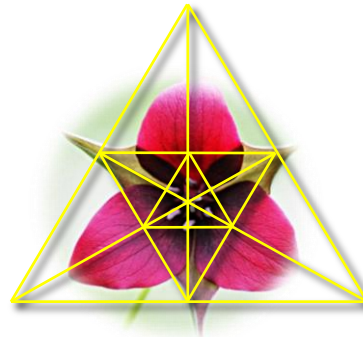
Here we begin to see the birth of the harmony that is needed for the two not to destroy each other. The third element brings harmony and balance to the two polarities. Notice geometrically, by connecting the points, there emerges through the triangle the first two dimensional shape.

Spiritually speaking, we have divine trinities in every major religion. There are trinities in the goddess religions (Hecate),⁶ in Hinduism, in Buddhism (the Buddha, the Dharma, the Sangha), and in Christianity to name few.

Three is a stabilizing geometry. It is personified visually in the Roman arch. The upper point of the arch is the keystone that distributes forces between the two adjacent sides allowing for taller structures with less stress. The yellow triangle shows the distribution of the stress.



We see three-ness multiplied in nature such as in flowers and insects. We especially see the balance factor of three in the use of a scale to measure weights. Again, like the Roman arch, the middle point of the scale is where the balance is tested.



Multiples of three can be found all throughout the many kingdoms of nature. Behind the manifestations of three dimensional spaces, lie these invisible archetypal geometrical lines of force.

Some Conclusions

It would go beyond the scope and purpose of this article to try to exhaust all the manifestations of the Monad, Dyad, and Triad, let alone go through all ten numbers. There is so much more to discuss such as the Platonic Solids, the Phi ratio, and the Golden Section.⁷ Also with the number four or Tetrad, we get the first of the three dimensional geometries.

As I have tried to show, the Monad gives birth to the many and yet always remains the One. Within itself it brings forth the Dyad or two. The Triad harmonizes and balances the Dyad allowing for homeostatic balance. Thus, life manifests.

Finally, the bottom line to remember is that the Sacred Geometry lies within you. Your divine Monad is the One that became Two to create Three (Spirit, Soul, and Body). Thus, we should always greet each other with *Namaste*. We are all part of the Divine. As Plato states, "God geometrizes."

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¹ Brian John Piccolo, *Quantum Physics & the Holy Grail* (USA: Alnilam Publishing, 2010), p. 21. Book is available at www.BrianJohnPiccolo.com. ISBN 978-1-4507-2814-0

² Ibid., p.22.

³ Michael S. Schneider, *A Beginner's Guide to Constructing the Universe* (New York: Harper Perennial, 1995), p. 1.

⁴ Even though the Mahayana Buddhist assert the inherent emptiness of all phenomena, in other words all phenomena is a dependent arising and cannot be the cause of itself, the Dali Lama has asserted some redacting of this concept. In his book and CD audio series, *The Universe in a Single Atom*, he concedes that the echo of the Big Bang and the proof shown by science now strongly implies a possible theism or creator of the universe. This is a big change for the Dali Lama and I give him credit for being willing to change Buddhist doctrine when it is found to not be in accordance with science. May we Christians also take his example to heart. In this possible change of doctrine, Blavatsky is justified, and esoteric Buddhism vindicated.

⁵ Michael S. Schneider, *A Beginner's Guide to Constructing the Universe*, p. 21.

⁶ The Triple Goddess: Maiden, Mother, and Crone were and are based on the phases of the Moon.

⁷ However, I do discuss them in *The Grail*, Volume 11. These past issues are always available on my website and are listed at the end of this article.

Below are past Issues of the Grail available on the Website:

Vol. 1: The Grail, What Is It?
Vol. 2: Greater Resolution of the Grail
Vol. 3: Mnemosyne: Goddess of Memory
Vol. 4: Genesis and Quantum Physics
Vol. 5: Ancient Chinese Secret: Chi Kong
Vol. 6: Nidra: Sleep Yoga
Vol. 7 Overcoming the World like Christ
Vol. 8 The Question of the New Age
Vol. 9 The Irony of Ironies
Vol. 10 The Law of Attraction/Repulsion
Vol. 11 Phi Ratio and Fractal Geometry
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Vol. 15 The Mahatmas of and Their Letters
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