

These pages are from my book titled: [Farmer's Almanac Secrets. Correspondences of Feng Shui, Lunar and Alchemy](#). You can read the first free chapters of this book free [at this link](#). Enjoy!

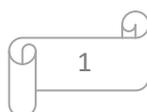
Mathematical Cosmic order and Harmony

The number 720 and the cycles of Time

- There are 720 minutes in 12 hours. Each day is 24 hours long = 1440 minutes. Half of 1440 = 720. Clocks divide time into 12-hour cycles. 720 divided by 12 = 60. There are 60 seconds in every minute.
- Bipolar mood cycles show interruptions occurring as 360° or 720° phase-displacements that align when the moon is closest to Earth during a full moon (also called a supermoon). This 720° phase displacement causes disruptions or a restart of the synchronous pattern (T A Wehr. Jan 2017).
- A circle has 360°. A clock face has 12 hours, each hour = 30°. Two rotations of 360° = 720°. This equals 24-hours.
- 720 is divisible by 2, 3, 4, 5, 6, 8, 9, 10, 12, making it easy to measure cycles.
- The Moon's synodic month ≈ 29.53 days. 24 lunar months ≈ 708–720 days which is roughly 2 solar years.
- Many spiritual traditions view 720 as balance → the completion of one half before starting another. 720 breaths/hour is referenced in yogic traditions (linking breath to time awareness).

The Number 108

- 720 divided by 108 = 6.6666666666
- In Vedic cosmology, 108 is sacred. For example there are 108 beads in a mala and 108 energy lines converging to the heart chakra. In University Physics, 108 refers to numerical designations of university-level physics courses, such as PHYS 108 or PHY 108, which cover motion, forces and energy.
- Many mantras are chanted 108 times. Examples include the Gayatri Mantra, the Durga Mantra ("Om Dum Durgayei Namaha"), the Hare Krishna mantra, the Om mantra, and the Shiva mantra ("Om Namah Shivaya"). Sometimes a mala, which is a string of 108 beads is used. It is commonly used in Buddhism and Hinduism to count mantras during meditation or to focus on devotional practices.



- The Sun's diameter is approximately 108 times Earth's diameter.
- Venus orbits the Sun from an average distance of 108 million kilometers.
- The average distance from the Earth to the Moon is 108 times the moon's diameter.
- The exoplanet HD 37124 b, orbiting the star HD 37124, is located 108 light-years away from Earth in the constellation Taurus.
- The distance between the Earth and Sun is approximately 107.5 times the Sun's diameter.

The Phi (Golden Ratio ~1.618)

- The planetary orbits of Venus and Earth form a pentagram pattern over 8 years → the ratio approximates phi.
- Phi is also found in spiral galaxies, hurricanes, nautilus shells, sunflower seeds, DNA structure, and human proportions.
- Music intervals (*like the fifth*) reflect phi-based harmonics.

The Frequency of 432

- 432 is linked to deep resonance between cosmic cycles and the human perception of time/sound.
- 432 Hz tuning is linked to natural resonance and Schumann frequencies (Earth's electromagnetic pulse ~7.83 Hz → $7.83 \times 55 \approx 432$).
- 432,000 miles is the approximate radius of our Sun.
- Many ancient texts such as Vedas and Sumerian Kings' reference 432,000-year cycles.
- Atomic orbitals organize themselves into harmonic shells that mirror musical octaves.

Speed and Motion

- The moon's orbital speed around the Earth is approximately 2,288 miles per hour
- It takes approximately 2,160 years for the vernal equinox to move through a single constellation in the zodiac.
- The entire cycle of precession, also known as a Great Year, takes about 25,772 to 25,800 years.
- One rotation of the Milky Way galaxy, also known as a galactic year, takes approximately 225 to 250 million Earth years.
- The moon travels approximately 44,184 kilometers in 12 hours. $2,288 \text{ divided by } 51.84 = 44.1$.
- The Moon's average orbital speed is about 3,680 kilometers per hour (2,288 miles per hour).
- It takes approximately 2,500 years for each constellation to move through the Zodiac.

The number 51,84

- 5184 is the duration of the Satya Yuga (or Krita Yuga). It is the first and also the longest of the four yugas (or ages) in a standard chatur-yuga cycle. This lasts for approximately 5184 years within a larger cycle of ~12,960 years. Four yugas have lengths in the ratio 4:3:2:1, with the Satya Yuga being the longest.
- The Great Pyramid of Giza has a slope angle of approximately 51.84 degrees.
- 51.84-degree angle is found in the geometry of a double rainbow and is very close to the angle matching the Fibonacci sequence.
- The KUFU Pyramid slopes at 51.84 degrees
- Water boils at a significantly reduced pressure at 51 degrees Celsius.

The Number 11

- A full solar cycle lasts 11 years, going from solar minimum to solar maximum.
- $365 \text{ solar days} \approx 354 \text{ lunar days (12 moons)} \rightarrow \text{difference} = \text{approximately } 11 \text{ days} = \text{harmonized every } 33 \text{ years.}$

- Eclipses align because of the saros cycle (~18 years, 11 days), reflecting near-perfect Sun–Moon–Earth geometry.
- The Schwabe Solar Cycle (sunspot cycle) lasts on average ~11 years.
- During each 11-year cycle, solar magnetic polarity also flips (north ↔ south).
- A Solar year is 365 days and 12 lunar months = ~354 days. This creates a difference of approximately 11 days. This creates a drift between solar and lunar calendars (e.g., Islamic vs Gregorian calendar). The Metonic cycle follows a similar cycle.
- To keep harmony, calendars insert 7 leap months in 19 years → the “correction” is essentially tied to the 11-day difference.
- Earth’s axial tilt “nutates” (wobbles) with short-term cycles of about 11 years, synchronized with solar activity.

Symbolism & Meaning

- 11 = Master Number (intuition, insight, cosmic connection).
- It symbolizes duality (1+1) and gateway energy (between realms).
- *In physics/mathematics:*
- 11 dimensions appear in M-theory, a unification framework of string theory.

Cosmic Resonance

- Jupiter’s orbit ≈ 11.86 years → aligns closely with solar activity cycle.
- The Saros eclipse cycle (18 years, 11 days, 8 hours) — solar + lunar eclipses repeat almost exactly after this.
- The Mayan calendar’s 11th baktun was linked to periods of transformation.

Everything in our universe works together in perfect harmony. Hope you enjoyed reading!

A handwritten signature in black ink, appearing to read "Scott Rauvers". The signature is stylized with a large, looped initial "S" and a long, sweeping underline.

Scott Rauvers