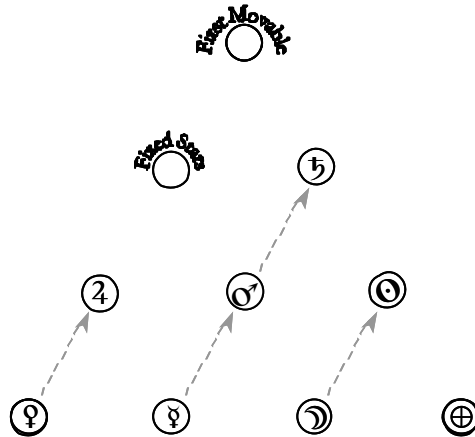


Guide to Lecture 19: Sacred Geometry Part 1

A) **The Tetraktys, Qabalism, and Astrology**

i) **Qabalism.** When the *Sefiroth* are mapped onto the Tetraktys, the Pillars and the planets (as organized by malefics, benefics, and luminaries) fall into the octave rows, in accordance with the grouping of Hermetic Lots as found in Paul of Alexandria.

Tetraktys and Planets-Hermetic Lots



ii) **The Signs, aspects, and music:**

<i>Zodiac</i>	<i>Aspects</i>	<i>Musical Ratios</i>
●	Light?	Conjunction
● ●	Sect/Gender	Diameter
● ● ●	Quadruplicities	Trigon
● ● ● ●	Triplicities	Tetragon
		Base note
		Octave
		Fifth
		Fourth

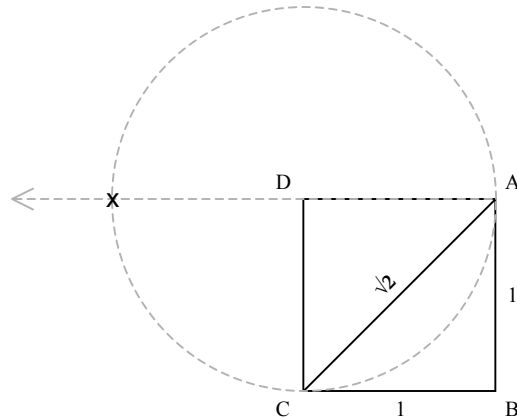
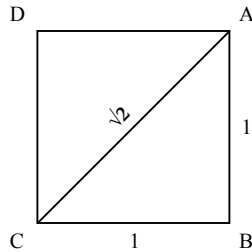
**B) Sacred Geometry.**

- i) Introduction.** Sacred geometry is a reflection on number, in part through diagrams; the goal is to be attuned to and know ultimate divine principles. The cosmos is fundamentally structure, which is not the same as form and matter. Sacred geometry not as pure as meditating conceptually on number.
- ii) Zero and One.** Zero's conceptual content derives from spiritual practices, it was not sought independently. Using it forces changes in mathematics, and philosophies that employ the notion of "nothing" are usually misleading.
- iii) Division of Unity:  $\sqrt{2}$  (see instructions on attached worksheet).** Why the square is used to represent unity instead of the circle; connection with astrology's use of angles or "stakes." Concepts: transition, crossing, combining, division and diminution, multiplication and proliferation; cellular division, the astrological "root" of the nativity.
- iv) The Cube, Vesica Piscis and  $\sqrt{3}$  (see instructions on attached worksheet).** Concepts: volume, mediation, formation; the Christ principle and the horizontal paths on the Tree of Life.
- v) The Double Square, Pentagon, and the  $\sqrt{5}$  (see instructions on attached worksheet).** Reflection and connection between levels of reality.
- vi) Shapes with all three square roots.** From the Vesica Piscis, double square, and the Golden Dawn altar.

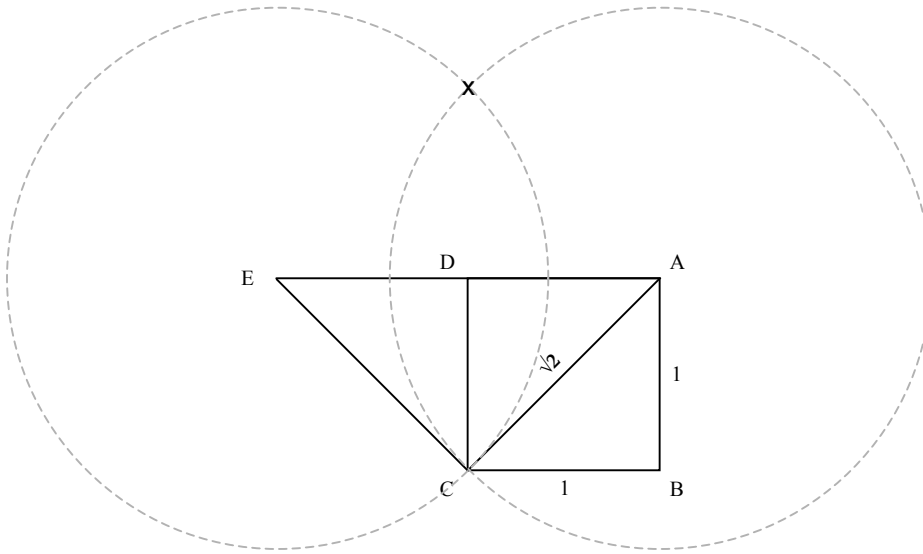
# Division of the Square: $\sqrt{2}$

Step 1: Divide Square

Step 2: Find corner of next square using diagonal



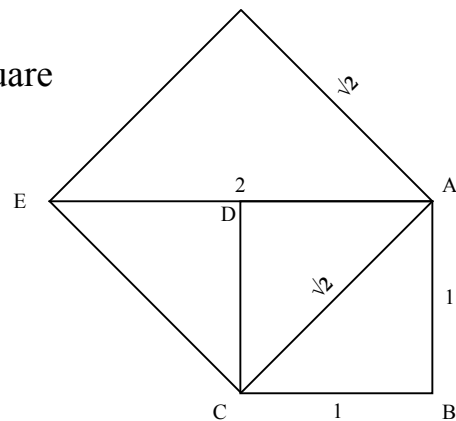
Step 3: Find other corner



Step 4: Complete square

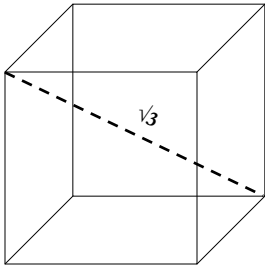
$$\frac{\text{root } 1}{\text{diag } 1} = \frac{\text{root } 2}{\text{diag } 2}$$

$$\frac{\text{root } 1}{\text{root } 2} = \frac{\text{diag } 1}{\text{diag } 2}$$

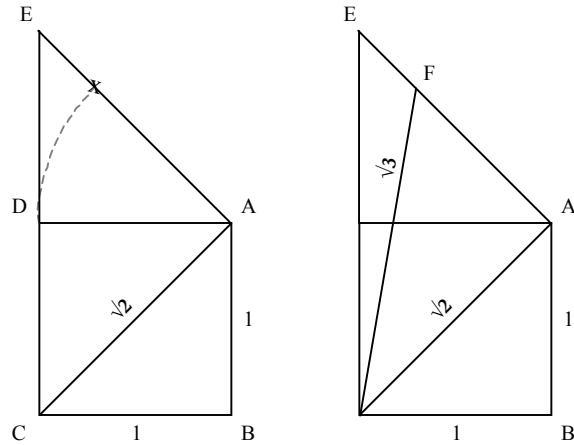


# The Cube and the *Vesica Piscis*: $\sqrt{3}$

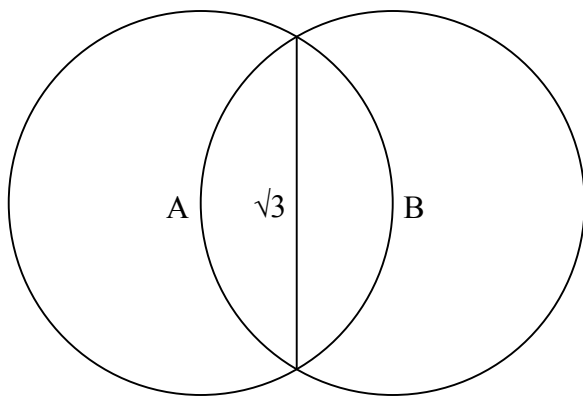
The diagonal of a cube



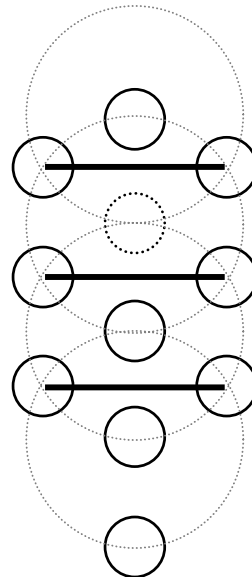
Drawing the  $\sqrt{3}$  from the square



The *Vesica Piscis* (intersection of circles)

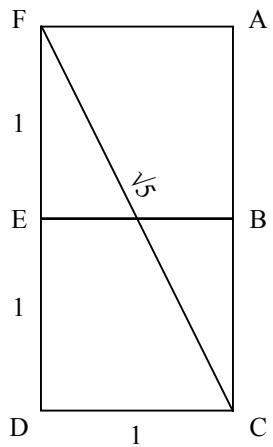


Reciprocal paths on the Tree of Life



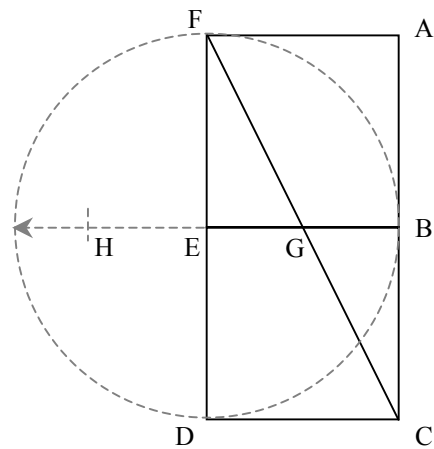
# $\sqrt{5}$ : The double square and the pentagon

The diagonal of the double square

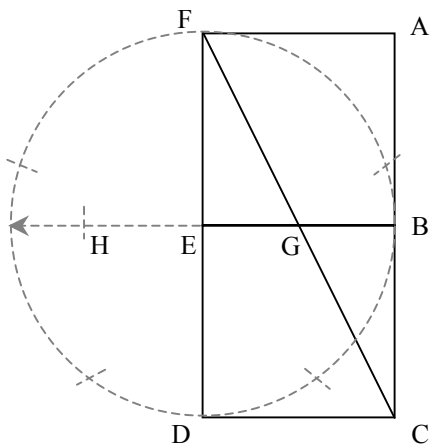


$$2^2 + 1^2 = 5^2$$

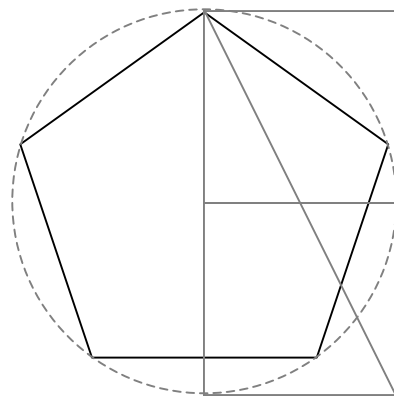
The pentagon from the diagonal (a):



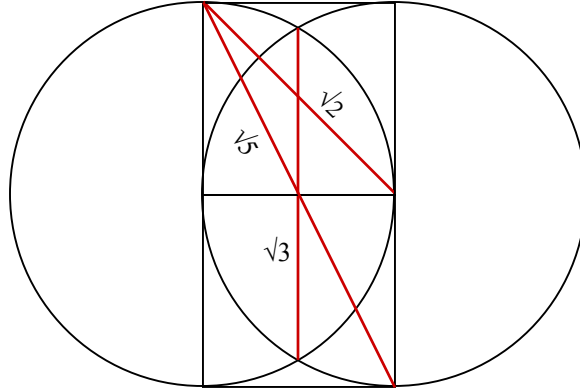
The pentagon from the diagonal (b):



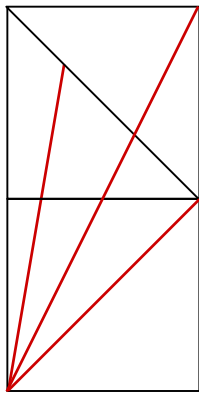
The pentagon from the diagonal (c):



The three roots from the circle



The three roots from double square



The three roots in the GD altar

