

31680 - Music and Cosmology of the Earth and Moon

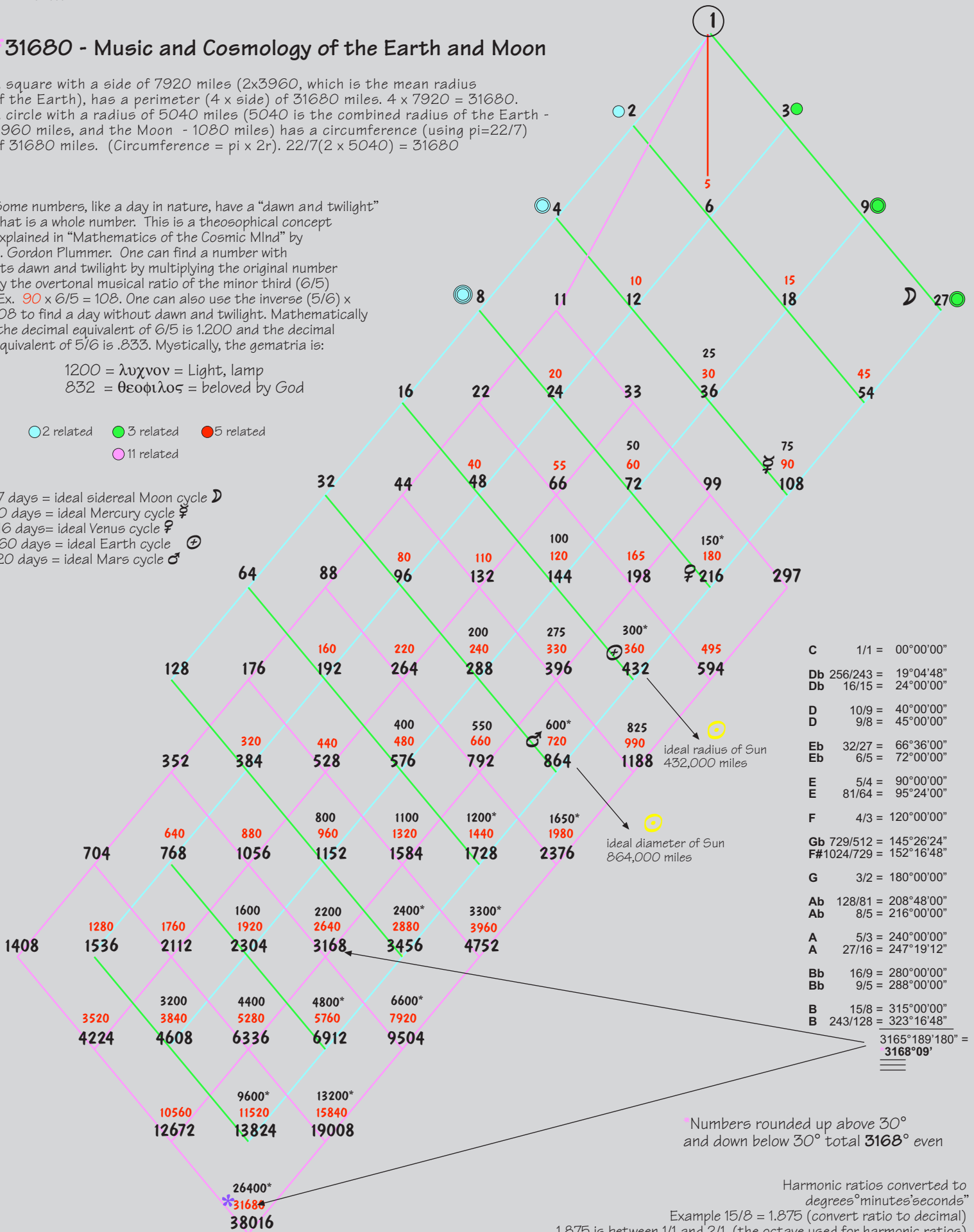
A square with a side of 7920 miles (2x3960, which is the mean radius of the Earth), has a perimeter (4 x side) of 31680 miles. $4 \times 7920 = 31680$.
 A circle with a radius of 5040 miles (5040 is the combined radius of the Earth - 3960 miles, and the Moon - 1080 miles) has a circumference (using $\pi=22/7$) of 31680 miles. (Circumference = $\pi \times 2r$). $22/7(2 \times 5040) = 31680$

Some numbers, like a day in nature, have a "dawn and twilight" that is a whole number. This is a theosophical concept explained in "Mathematics of the Cosmic Mind" by L. Gordon Plummer. One can find a number with its dawn and twilight by multiplying the original number by the overtone musical ratio of the minor third (6/5).
 Ex. $90 \times 6/5 = 108$. One can also use the inverse (5/6) x 108 to find a day without dawn and twilight. Mathematically the decimal equivalent of 6/5 is 1.200 and the decimal equivalent of 5/6 is .833. Mystically, the gematria is:

1200 = $\lambda\chi\nu\nu\omicron$ = Light, lamp
 832 = $\theta\epsilon\omicron\phi\iota\lambda\omicron$ = beloved by God

- 2 related
- 3 related
- 5 related
- 11 related

- 27 days = ideal sidereal Moon cycle ☾
- 90 days = ideal Mercury cycle ☿
- 216 days = ideal Venus cycle ♀
- 360 days = ideal Earth cycle ♁
- 720 days = ideal Mars cycle ♂



C	1/1 =	00°00'00"
Db	256/243 =	19°04'48"
Db	16/15 =	24°00'00"
D	10/9 =	40°00'00"
D	9/8 =	45°00'00"
Eb	32/27 =	66°36'00"
Eb	6/5 =	72°00'00"
E	5/4 =	90°00'00"
E	81/64 =	95°24'00"
F	4/3 =	120°00'00"
Gb	729/512 =	145°26'24"
F#	1024/729 =	152°16'48"
G	3/2 =	180°00'00"
Ab	128/81 =	208°48'00"
Ab	8/5 =	216°00'00"
A	5/3 =	240°00'00"
A	27/16 =	247°19'12"
Bb	16/9 =	280°00'00"
Bb	9/5 =	288°00'00"
B	15/8 =	315°00'00"
B	243/128 =	323°16'48"
		<u>3165°189'180" =</u>
		<u>3168°09'</u>

*Numbers rounded up above 30° and down below 30° total 3168° even

Harmonic ratios converted to degrees°minutes'seconds"
 Example $15/8 = 1.875$ (convert ratio to decimal)
 1.875 is between 1/1 and 2/1, (the octave used for harmonic ratios)
 $1.875 - 1 = .875$ (to get between 0 and 1)
 $.875 \times 360 = 315$ (to find the degree point of 15/8 on a circle)
 $315 = 315°00'00"$ (converting 315 into degrees°minutes'seconds")

*31680
 38016