

The background of the entire page is a detailed, high-contrast black and white image of two ancient stone calendars. Each calendar features a central face with a beard and a headdress, surrounded by intricate geometric patterns and symbols. The calendars are set within a circular frame, and the overall texture is highly detailed and repetitive.

Ancient Calendrical Numbers

The 234, 260 and 360 Day Calendars

Charles William Johnson

Earth/matrix

SCIENCE IN ANCIENT ARTWORK

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The Ancient 260 Day and 360 Day Calendars

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The ancient Mesoamericans employed various calendars of which the most distinctive are the 260-day calendar and the 360-day calendar. These calendars have received much debate. In fact, some scholars even deny the possibility that they were actually calendars. The original names of these calendars have also come under disagreement. Different cultures assigned different names to the calendars; and, in addition to that, different scholars have assigned yet other names to these calendars. We shall avoid these discussions for now, and simply concentrate upon the aspect of the number series involved in each calendar.

The ancient Egyptians (Kemi) employed a 360-day calendar based upon 12 months of 30 days each. The ancient Mesoamericans employed a 13 x 20 count for the 260c calendar, and an 18 x 20 count for the 360c calendar.

Our interest in this essay lies in examining the numerical combinations produced by the **260c**, **360c**, **13 x 20** and **18 x 20** counts. In this essay, we shall not concern ourselves with the names or the day-glyphs of each day, but shall treat this theme in future essays.

234 : 13 : 18

234 day : 13 day : 18 day

Doubles to:

234	13	18
468	26	36
936	52	72
<u>1872</u>	104	144

1872000

234 : 13 : 18

$$234 / 260 = .90$$

$$234 / 360 = .65$$

$$.90 \times .65 = .585 \text{ [Venus Synodical Orbit Fractal]}$$

1872000 Maya Long-Count Period

A Natural Relation Exists
in the Numbers

104 Years [*Ueuetiliztli*]

144000 Days [*Baktun*]

1

260 Count

234 : 13 : 18

260

1

360 Count

234 : 13 : 18

360

On the **234th** day of 260 day calendar and on the 360 day calendar, the common denominator counts, 13c and 18c, make their appearance. The 234th day is a multiple for the **1872000** Maya Long-Count Period date.