

The division above used is by matires, of which there are ten in one of our seconds.

The division now to be mentioned is by nimeshas, cash'tas, calas, and mahurtas.

18 Nimeshas (or twinklings of an eye)	= Cash'ta.
30 Cash'tas	= 1 Cala.
30 Calas	= 1 Mahurta.
and 30 Mahurtas	= 1 day of 24 hours.

These multiplied together make 486,000 nimeshas in a day; and as there are 864,000 matires in a day, the proportion of a nimesha to a matire is as 1.77777 nimeshas = 1 matire.

A Cash'ta (18 nimeshas)	= 32 matires (or 8 Indian seconds)	= $3\frac{1}{2}$ European.
A Cala	= 960 matires (or 4 Indian minutes)	= 1' 36".
A Mahurta	= 28,800 matires (or 2 naiques)	= 48.'
30 Mahurtas	= 864,000 matires (or 8 samans)	= 24 hours.

This, says our author, makes no alteration in the calculation of a Menwantara, which is and ever was symbolical of one year, or of the renewal of creation at the return of the vernal equinox.

(If this be so, then as a Menwantara is 71×5 days — 355 days (a savaṇ year) then there must be 30 mahurtas (= 24 hours) $\times 5 = 150$ mahurtas $\times 71$, to make a menwantara. This our author does not notice.)