30
2025
MONDAY

JUNE
27th Week·181-184

JUNE 2025
M	T	W	T	F	S
30					
2	3	4	5	6	7
9	10	11	12	13	14
16	17	18	19	20	21
23	24	25	26	27	28

Indians (500–1200 CE)

- In works like Aryabhata's Aryabhatiya (499 CE) and Brahmagupta's Brahmasphuta siddhanta (628 CE), multiplication algorithms are described in detail.

- Often connected to [place-value notation] (decimal system).

- Decimal place-value system required [memorized multiplication tables] (upto 9×9).

- Indians stressed procedures ("take the multiplicand as many times as the multiplier indicates"), which is essentially [repeated addition].

- Brahmagupta also extended multiplication to negatives — a big philosophical step.