AUGUST 2025

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JULY

29th Week. 200-165

2025

19

SATURDAY

- Why care about primes? Because primes are the indivisible "atoms" of arithmetic. Just as geometry rests on indivisible points and lines, arithmetic rests on primes.

- The Fundamental Theorem of Arithmetic (every integer factors uniquely into primes), although not stated in modern terms appears in Euclid Book VII. For the Greeks, this was a statement about order in the universe: the integers are not chaotic; they have a hidden structure.

- The proof of infinite primes (Euclid Book IX Prop-20) is almost philosophical: The inexhaustible nature of reality is reflected in primes.

Sunday 20

For Pythagoreans, numbers themselves were divine. Primes were like the irreducible essence of number, almost a metaphysical truth.