

21

MONDAY

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5

JULY

30th Week • 202-163

JULY 2025						
M	T	W	T	F	S	S
		1	2	3	4	5
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			

### 3. Why Primes Became Fascinating

- **Irregularity:** Unlike squares or cubes, primes seem to appear in no predictable pattern. This tension — order (unique factorization) vs mystery (distribution of primes) — gave them a magical status.
- **Building blocks:** Every composite dissolves into primes, just like matter dissolves into atoms. So studying primes meant studying the foundations of arithmetic itself.
- Studying primes reveal that even in the seemingly endless chaos of numbers, there is an order, a foundation.

IMPORTANT NOTES

There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle. — Albert Einstein