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FRIDAY

JULY

30th week • 2016-159

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			

2. The Euclidean algorithm for finding the greatest common divisor (GCD).

Although Euclid didn't write a "factorization algorithm" in our sense, his method of successive division to find the GCD is structurally the same process — a sequence of divisions reducing a number step by step.

So, the idea of breaking a number into smaller building blocks by repeated division comes from the Greeks.

2. The Indian refinements (500 CE–1000 CE)

In Indian mathematical texts such as Aryabhatīya (Aryabhata, 499 CE),

Brahmasphuṭasiddhanta (Brahmagupta, 628 CE), and Līlavatī (Bhaskara II, 12th

IMPORTANT NOTES

Not all of us can do great things. But we can do small things with great love. – Mother Teresa