

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		

## 4. Euler's Era (18th c.)

• Euler inherits this tradition. When he says magnitude is what can increase/diminish, he's adopting a practical definition.

• Did he worry about exactness? Less than the Greeks! Euler was more of a builder —

he trusted that mathematics, even if rooted in conventions, revealed deep truths because of its success in describing nature!

• Still, debates about infinity, divergent series, and rigor shows that even Euler's clarity had cracks.

## 5. 19th–20th Century Shift

• Gauss, Cauchy, Weierstrass: Introduced rigor in limits, continuity — trying to make "mathematics" "exact" again.