

## Puzzle 1

**Can you place the (extremely) famous mathematicians below in order of the year that they were born, earliest first? Bonus points for telling me what they studied.**

Answer

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b. Fermat: 1601-1665 – The French mathematician behind the infamous ‘Last Theorem’ written in the margins of his copy of *Arithmetica* in 1637. The theorem was finally shown to be true by Andrew Wiles 358 years later.

d. Newton: 1643-1727 – Most famous for his formulation of the Law of Gravity, but he also made significant contributions to geometry and is credited with developing calculus alongside Leibniz.

a. Euler: 1707-1783 – He worked on every almost every area of maths, but perhaps most famous for Euler’s number  $e=2.718\dots$  and Euler’s identity  $e^{i\pi} + 1 = 0$ .

c. Gauss: 1777-1855 – Like Euler, Gauss worked across all branches of maths and made significant contributions to Statistics with the Gaussian Distribution and physics with Gauss’ Flux Law.