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Calculus Rates of Change

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| **Across****1.** Helped develop probability theory and projective geometry**4.** The father of geometry**5.** Considered to be the most prolific mathematician of all time**11.** Pioneer in the use of statistical graphs**13.** Popularized the use of Hindu-Arabic numerals in the west**14.** Shares credit with Leibniz for inventing calculus**16.** First recorded proof of theorem named for him**17.** 3.14159**18.** Developed mathematical foundations for general theory of relativity**19.** A "father" of Algebra | **Down****2.** Created calculus independent of Newton**3.** His 1637 Last Theorem was finally proven in 1994 by Andrew Wiles**6.** Set rules of computing with zero**7.** Father of analytic geometry**8.** Established system for daily use of decimal numbers**9.** Computed the value of pi to 7 decimal places**10.** Polygon with 5 sides**12.** Proved the fundamental theorem of algebra**15.** Father or accounting and bookkeeping |