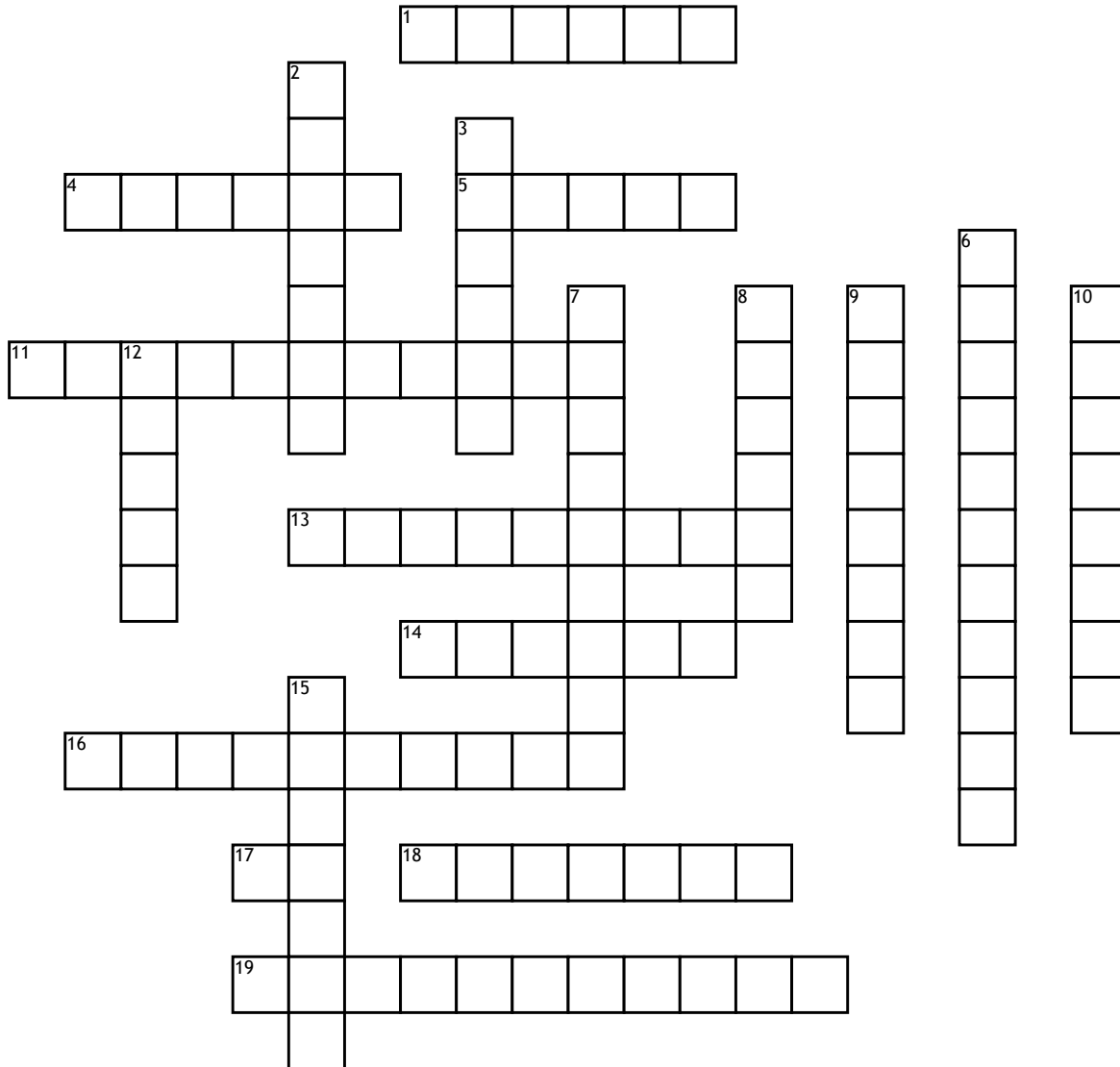


Calculus Rates of Change



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 of accounting and bookkeeping