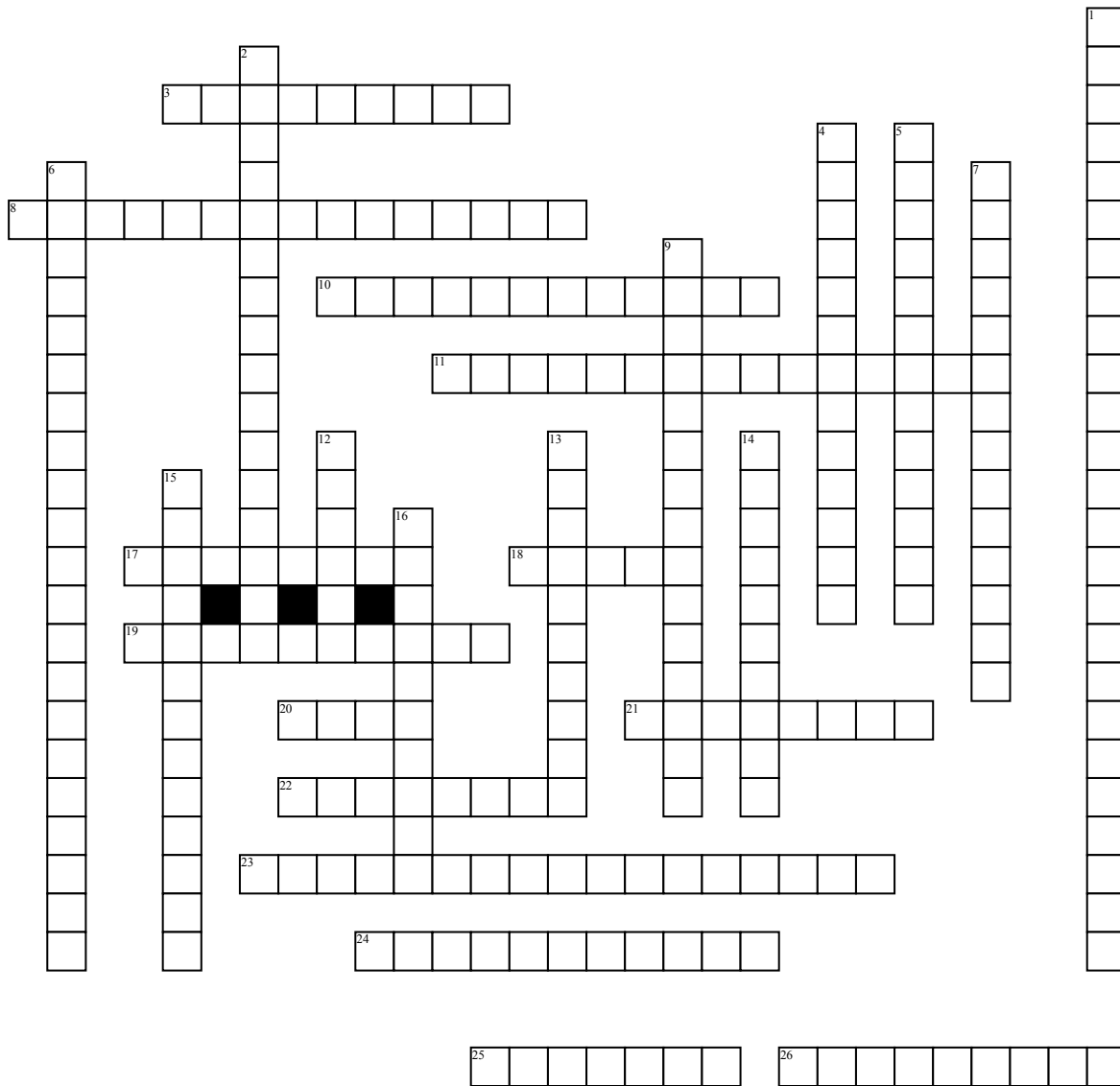


# Calculus Crossword



## Across

3. smile on a graph  
 8. A function obtained by switching the x and y variables in a function.  
 10. The rate of change of velocity over time.  
 11. A line about which a figure is rotated to create a solid.  
 17. an educated guess  
 18. The value that a function approaches as the domain variable approaches a specific value.  
 19. when the graph of a function is continuous  
 20. The number of square units in a figure  
 21. The interval between two points.  
 22. Has no end or goes on forever

23. When a function has a well-defined derivative for each element of the domain.

24. Frown on a graph

25. when there is a range on a function

26. The distance a function is from the axis

## Down

1. The rate of change (value of the derivative) at a particular moment.  
 2. Where the function changes from concave up to concave down or vice versa.  
 4. The positive distance between a number and the origin.  
 5. Finding the derivative of the numerator and denominator to evaluate the limit of a function.  
 6. The rate at which an object is moving at a particular moment.  
 7. A line of symmetry for a graph.

9. Obtaining the derivative of a function.

12. The set of x-values for which a function is defined.

13.  $f'(g(x)) \cdot g'(x)$

14. A line or curve that the graph follows closely but never touches.

15. A point at which the graph is not continuous.

16. The slope of the line tangent to a function.