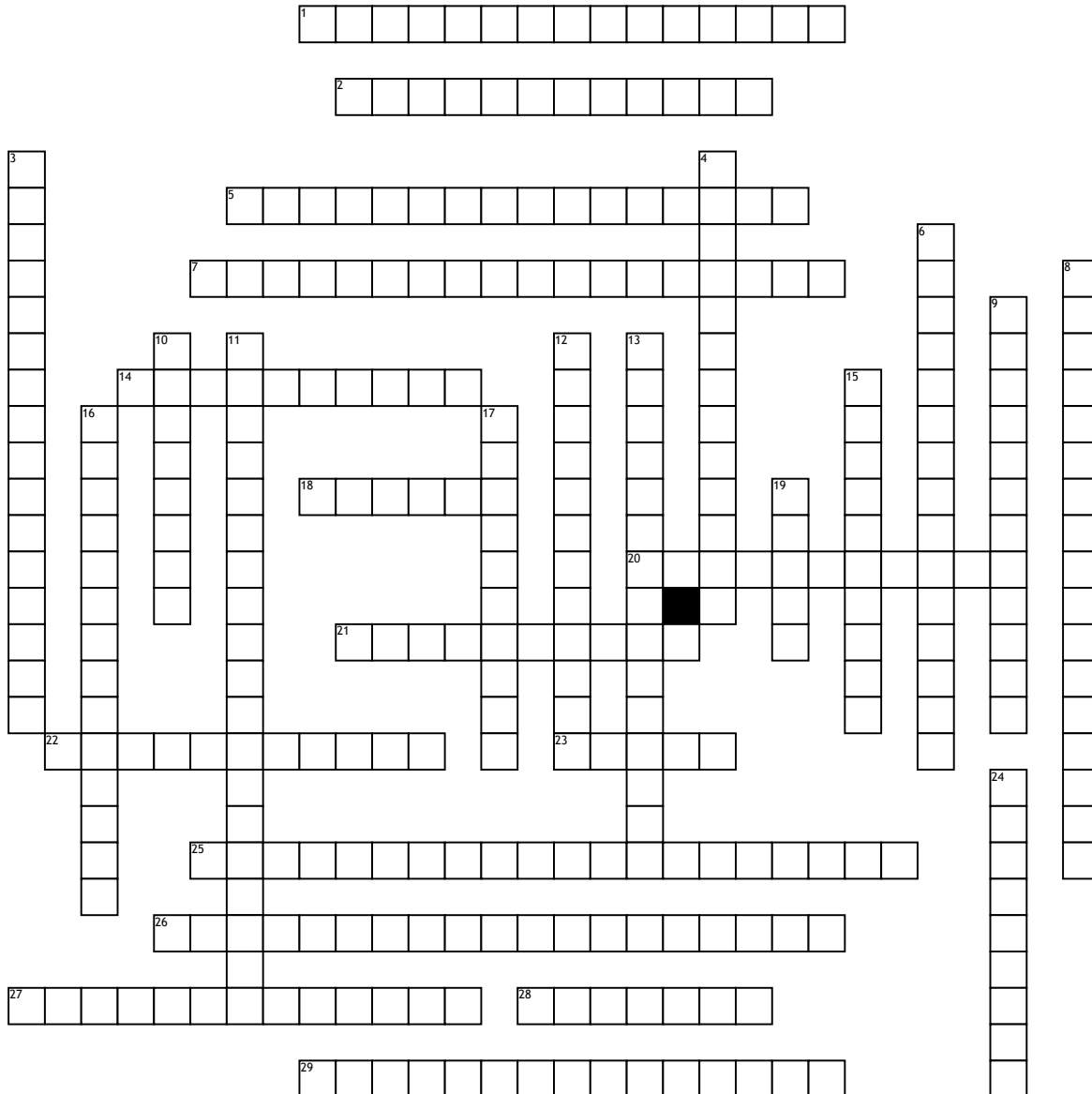


Calculus Review



Across

1. the highest point of a function
2. the derivative of velocity
5. The instantaneous rate of change will equal the mean rate of change somewhere in the interval
7. a function that moves upward from left to right
14. the slope of a tangent line
18. the set of x-values for which a function is defined
20. a line that intersects a curve only once
21. What weren't we allowed to use on tests?
22. a line segment intersecting two lines
23. the rate of change with respect to x

25. how can you tell if a function is concave up or down
 26. the rate over a time interval
 27. where does a derivative not exist
 28. when there is a range on a function or set of numbers
 29. a function obtained by switching the x and y variables in a function
- ## Down
3. what is it called when velocity is moving backwards
 4. the relative maximum and minimum points of the parent function
 6. the lowest point of a function
 8. rate at a specific moment
 9. does not include its endpoints
 10. the derivative of speed

11. tells us max/min, increasing/decreasing intervals, slope of tan line, velocity
12. rates if change are related by differentiation
13. when the function changes concavity
15. a line or curve that the graph follows closely but never touches
16. an interval that contains its endpoints
17. when the graph of a function is continuous
19. the absolute value of velocity
24. the slope of a vertical line