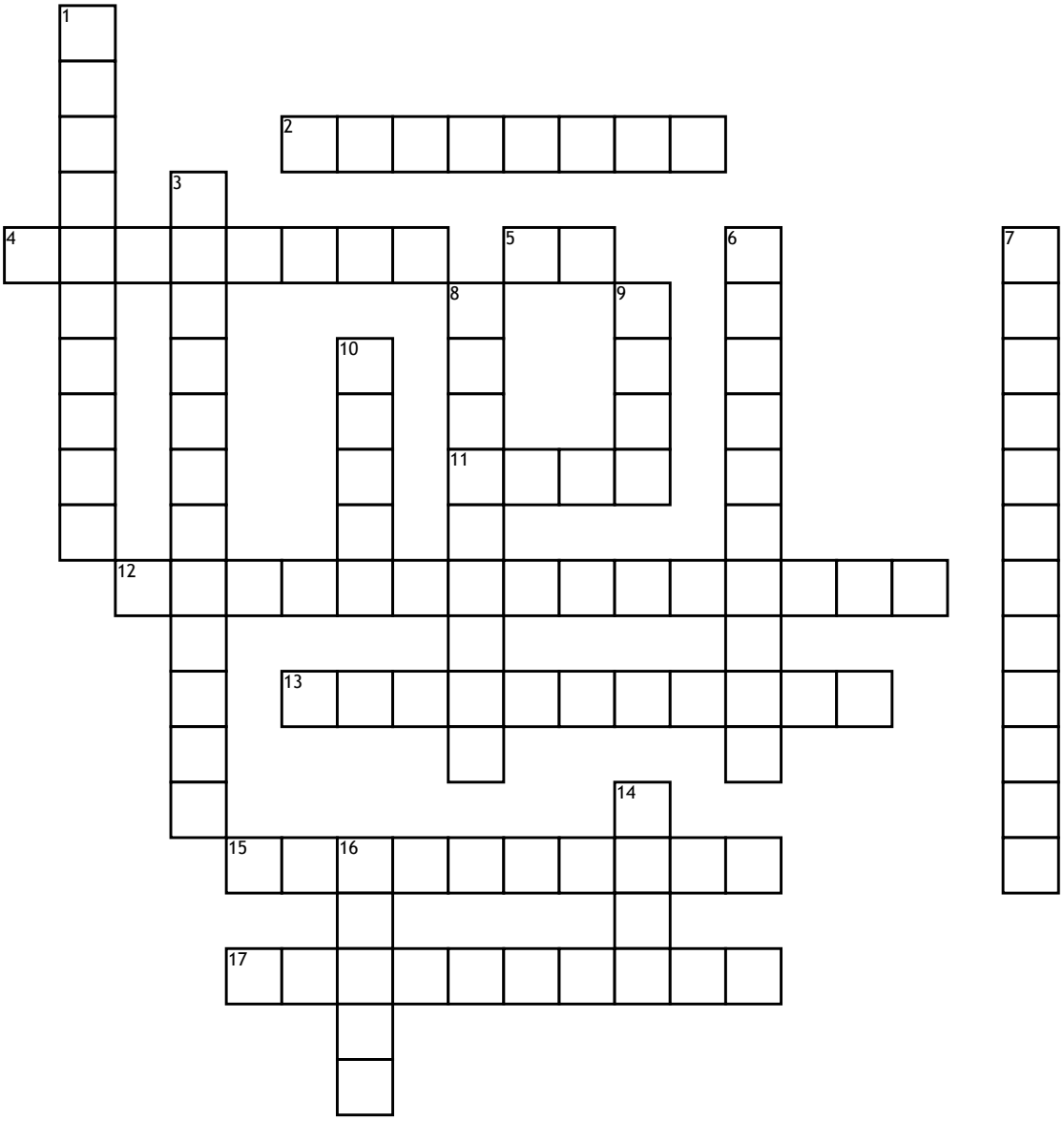
Name: _____ Date: _____

Calculus 2



Across

2. This mathematican discovered a rule to help facilitate the computation of limits.

4. We use the absolute value of this function to calculate the speed.

5. When approximating the change in y for a function, we can use ...

11. The derivative of sinx is ...

12. When the sign of the first derivative changes from positive to negative at some value, then the function has a ... (2 wds)

13. One way to find the area under a curve is to use this method.

15. Polynomial functions are continuous ...

17. When the first derivative equals zero, we know that the tangent line is ...

Down

1. The point at which a function changes from concave up to concave down.

3. When the 2 one-sided limits of a value are different, the limit ... (3 wds)

6. When a function is not written in terms of y, we must differentiate ...

7. We differentiate with respect to t, when we are calculating ... (2 wds)

8. The second derivative tells us about ...

9. the derivative of e^2x is ...

10. In a rational function when the degree of the numerator is greater than the degree of the denominator, there is this type of asymptote.

14. The direction that a particle travels when the velocity is negative.

16. The expression DA/A give us the percentage ...