Name: _____   Date: _____

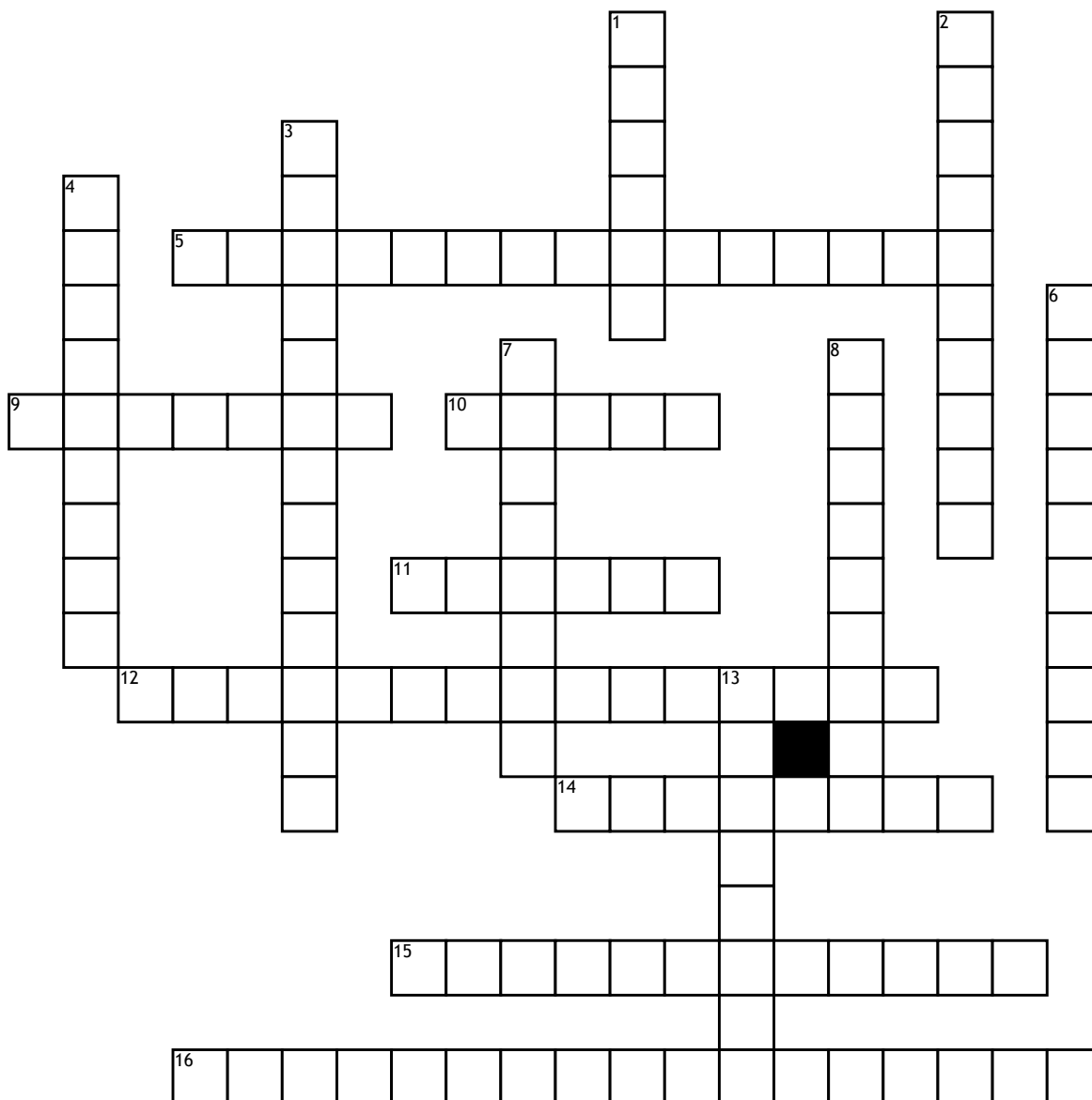# Calculus Crossword

Across

5. the least value of f(x) on a closed interval

9. a line that touches a curve at a point without crossing it

10. a value that a function approaches as an input approaches some value

11. sum of terms in a sequence

12. the greatest value of f(x) on a closed interval

14. rule to differentiate a function composed of a function divided by another function

15. derivative of velocity function

16. when a curve changes direction; found using second derivative

Down

1. can be found using the disk, washer, and shell methods

2. a function that uses two equations to describe a curve

3. function is not continuous at one point

4. a taylor series centered at x=0

6. if there are no cusps, jumps, or holes in a function, the function is

7. when a series increases to infinity

8. to find the derivative of a composite function, you use

13. this is used to find the area under a curve