Name: _____ Date: _____
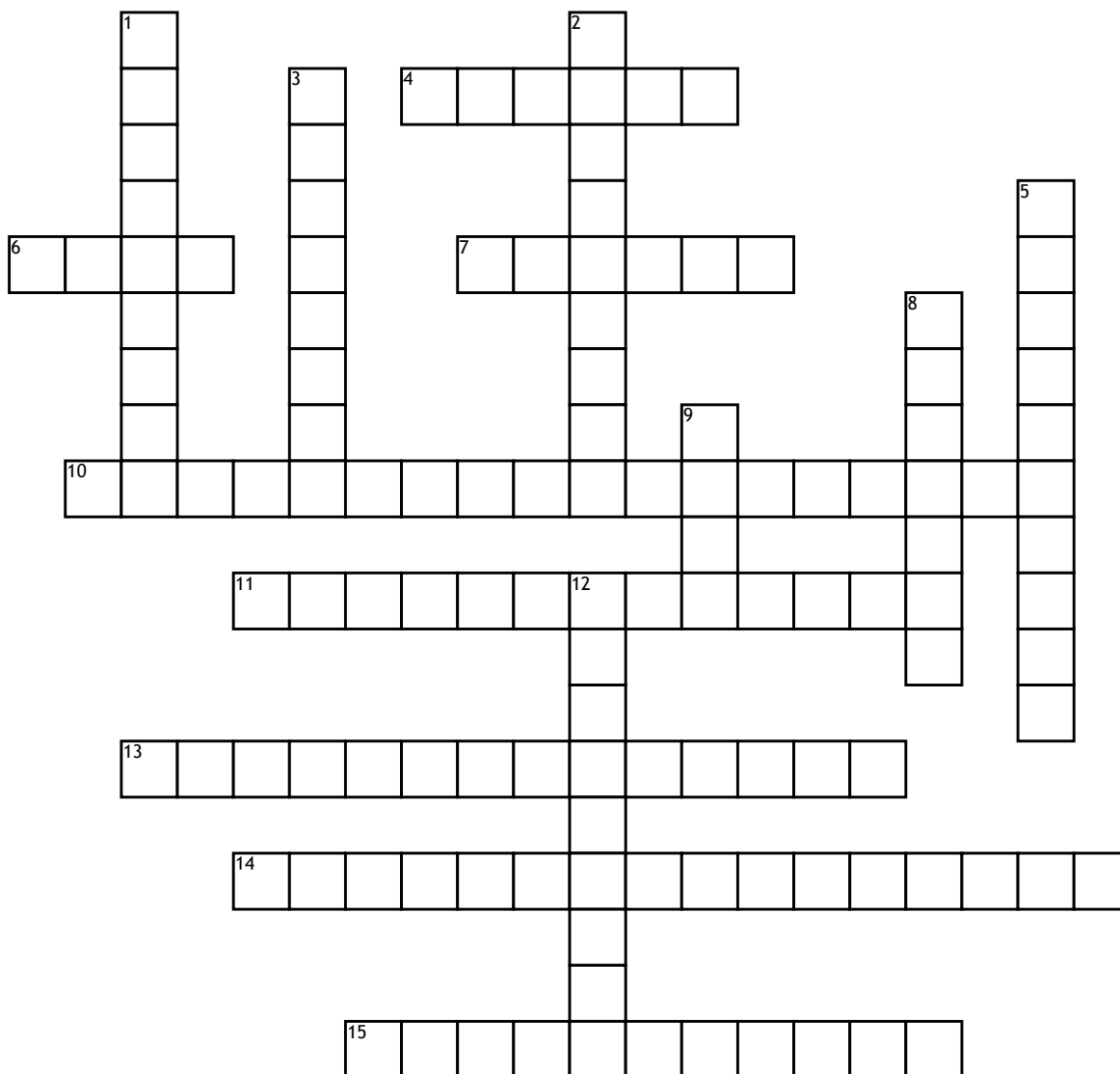
Pre-Calculus Crossword

Across

4. all values of x in a function

6. two points whose sum of distances from any point on the ellipse is always the same

7. the midpoint of the ficus and directrix

10. not a valid solution

11. a line going through the center of an ellipse or hyperbola, perpendicular to the line between the two foci

13. A line going through the middle of a graph, leaving either side of the graph symetrical

14. this formula is used to solve equations

15. the way a graph progresses as i moves towards negative and positive infinity

Down

1. A line on a graph whose distance to the vertex is equidistant from the vertex to the focus

2. the longest diameter of an ellipse

3. a conic section represented by the equations

5. A graph with no breaks, gaps or holes is ....

8. a conic section containing two foci

9. when an input value makes both the numerator and denominator of a function zero

12. a line on a graph which the graph will get really close to but never touch