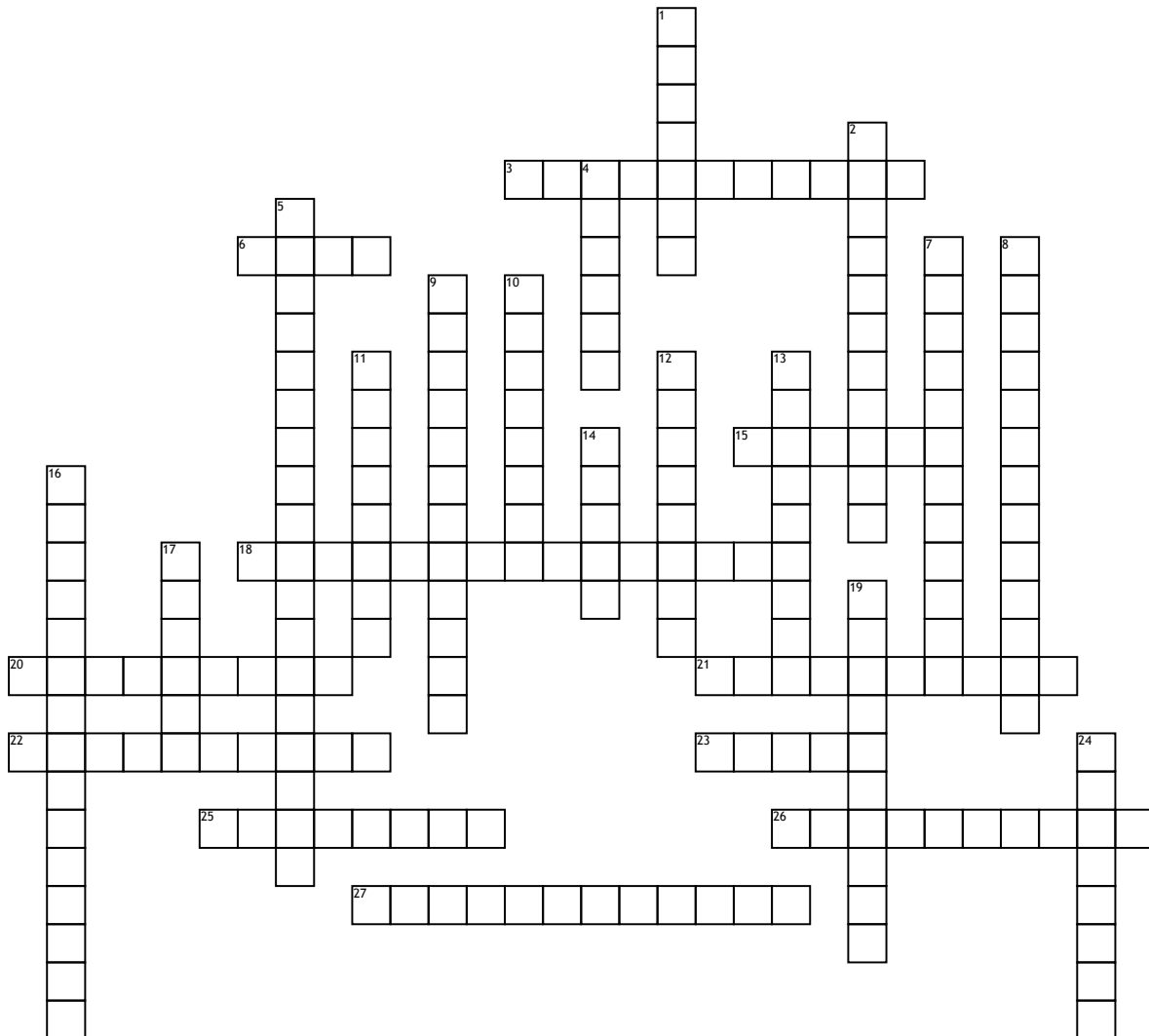


Name: _____

Date: _____

Polynomial Unit Vocabulary



Across

3. The behavior of the graph of $f(x)$ as x approaches negative and positive infinity.

6. Another name for the root of a graph.

15. A polynomial with a degree of one.

18. A point where the function changes direction from decreasing to increasing (making that point a "bottom" in the graph).

20. A polynomial with a degree of two.

21. An expression containing two or more algebraic terms.

22. Places on the graph where the slope is negative.

23. The set of possible output values shown on the y -axis.

25. A polynomial with one term.

26. Places on the graph where the slope is positive.

27. A polynomial in the order of highest degree first to lowest degree last.

Down

1. The degree of a variable attached to the leading coefficient.

2. The number written in front of a variable.

4. All the values of ' x ' of a function.

5. Determines whether the graph of a polynomial is positive or negative.

7. An equation where the parameters are the roots of the function.

8. A polynomial with a degree of three and two terms.

9. When a function "bounces" or "wiggles" at its root.

10. A letter in an equation.

11. A polynomial with a degree of zero.

12. A polynomial with two terms.

13. A polynomial with three terms.

14. A polynomial with a degree of three.

16. A point where the function obtains its greatest possible value.

17. Determines whether the graph of a polynomial is even or odd.

19. The solution to an equation.

24. Places on the graph where the slope is flat.

