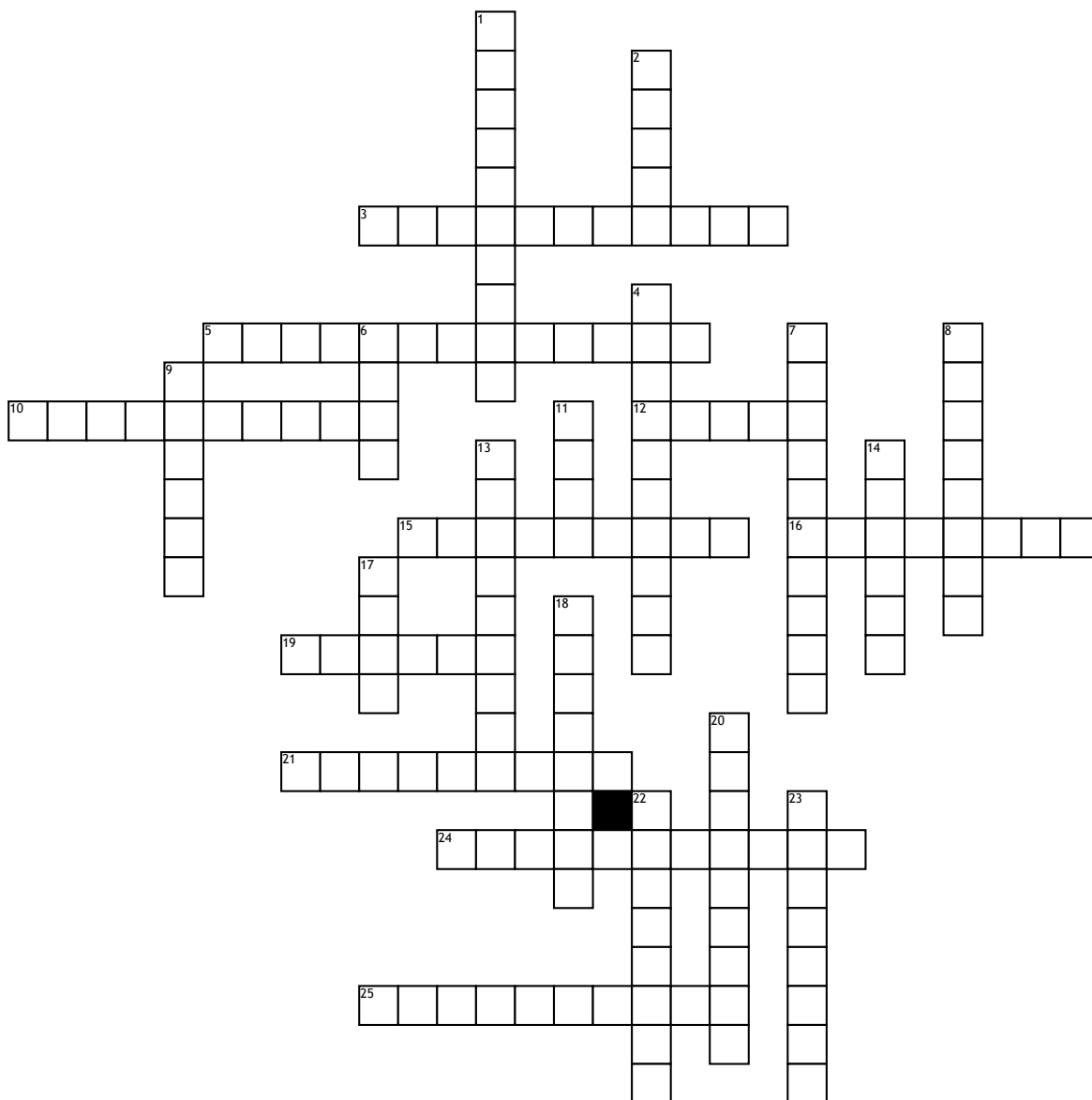


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Algebra 2



## Across

3. where the graph crosses the x-axis  
 5. what is the shape of the graph with a general equation of  $Y=ax-hl+k$   
 10. when a graph is moved across the x-axis or the y-axis  
 12. x values in one column and y values across from their corresponding x value  
 15. X, Y, A, B, F, are all examples of  
 16. when the a value in an equation makes the graph get wider  
 19. (h,k) are the center point and the equation is set equal to the radius  
 21. used to solve quadratic equations  
 24. where the graph crosses the y axis

25. an expression that involves the operation of addition, subtraction, or multiplication

## Down

1. when a graph comes close to a point on either the x-axis or y-axis but never actually crosses  
 2. all possible outcome written from bottom to top  
 4. also known as the growth  
 6. what is the shape of the graph of the general equation  $Y=a(x-h)+k$   
 7. when a variable is multiplied by a number the number is called...  
 8. what form is the equation  $y=(2x-8)(6x-5)$  written as

9. highest or lowest point on a parabola

11. the amount of space a shape has  
 13. the lengths of the sides added together  
 14. the inputs that have set outputs on a graph written left to right  
 17. a single number or variable  
 18. the domain or range can never be equal to this just less than  
 20. what is the shape of the graph with the equation  $Y=1/x$   
 22. what form is  $y=4(x-3)+6$  written in  
 23. what form is the equation  $y=2x+4x+30$  written in