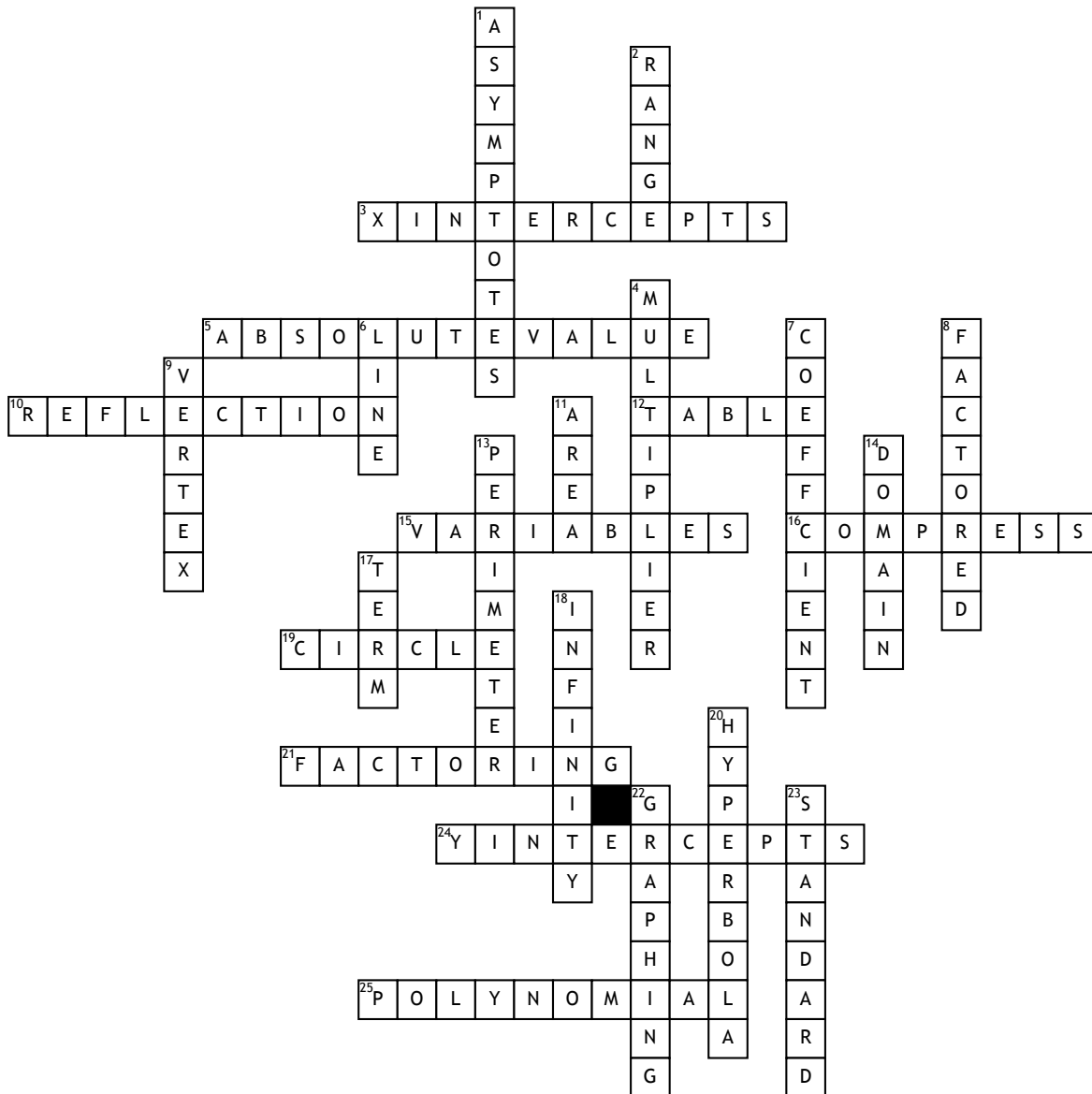


Name: _____

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