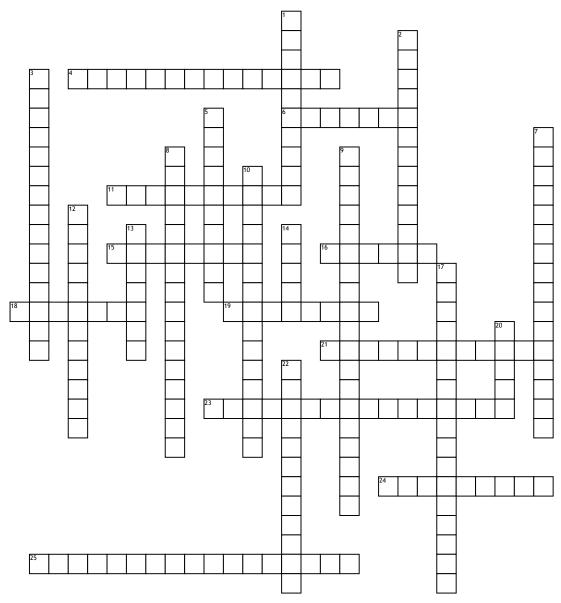# Quadratic Crossword Puzzle

Across

4. where the parabola is symmetrically cut in half

6. square root, cube root, etc

11. a number that products multiplied together, equal that number

15. symmetrical open curve

16. max or min point on the graph (h,k)

18. lowest point on the graph

19. the number alone (w/o anything attached)

21. y=ax*+bx+c

23. discriminant > 0

24. an expression with three terms

25. an equation where x=unknown and a, b, c do not =0

Down

1. where the graph crosses the x-axis

2. a+bi

3. discriminant = 0

5. y=a(x-h)*+k

7. where a and b are real #s and b does not = 0

8. negative b plus or minus the square root of b squared minus 4ac all over 2a

9. ax*+bx+(square) = c+(square)

10. discriminant < 0

12. b*-4ac

13. highest point on the graph

14. values of x that make f(x)=0 TRUE

17. A parabola in the form y=ax*+bx+c

20. values of x that make f(x)=0 TRUE

22. number placed before the variable