Algebra 2/ Trigonometry
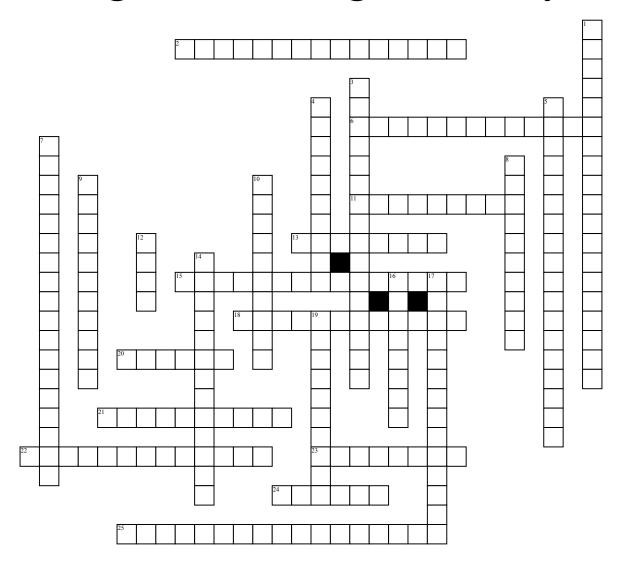
Across

2. √ (-1)=i

6. the magnitude of a real number without regard to its sign

11. x^2+2x-1

13. a relation in which each element of the domain is paired with exactly one element of the range

15. d=√ (x2-x1)+(y2-y1)

18. b^2-4ac

20. -b/2a

21. Where a graphed line goes through the y-axis

22. √ 64

23. 5x+7

24. Where a graphed line goes through the x-axis

25. ax^2+bx+c=0

Down

1. x^2+bx(b/2)^2=(x+b/2)^2

3. (-b+/-√(b^2-4ac))/2a

4. The side of a triangle which is directly across the 90 degree angle

5. y=mx+b

7. a^2+b^2=c^2

8. A combination of many terms joined together by addition or subtraction

9. (5,3)

10. the relation between two expressions that are not equal, employing a sign such as ≠ "not equal to," > "greater than," or < "less than."

12. The sides of the triangle in which make the 90 degree angle

14. (x-h)^2+(y-k)^2=r^2

16. 3xy^2

17. an equation between two variables that gives a straight line when plotted on a graph

19. value that represents a quantity along a line