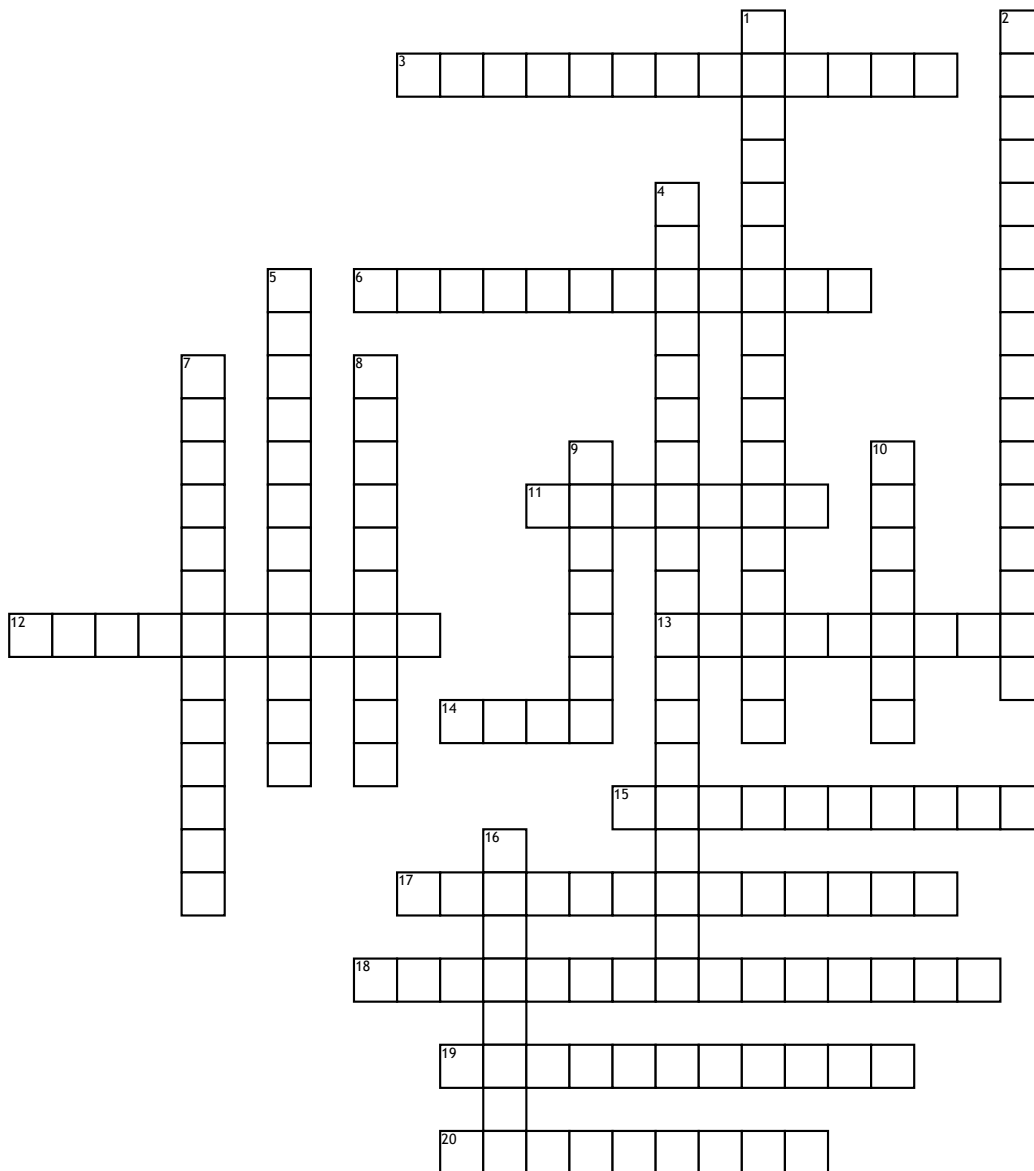


Quadratic crossword puzzle project



Across

3. Ex: $4i$ is a _____
6. X-coordinate of the vertex; $-b/2a$
11. The highest peak of the vertex
12. $Y = a(x-h)^2+k$
13. Consisting of 3 terms
14. First, outside, inside, last
15. 7 is the _____ of 49
17. The symbol is " i "

18. Used to get ride of an exponent/ when there is a radical sign on an exponent

19. Number placed before a variable

20. Used to break down a quadratic equation

Down

1. $2x^2-8x-24=0$ what is this ?

2. $ax^2+bc+c=0$

4. Used to solve a quadratic equation. First step, divide all the terms by A.

5. $Y=ax^2+bc+c$

7. $Y=mx+b$

8. Has a zero value for Y. Ex (7,0)

9. $\sqrt{\quad}$ symbol

10. Lowest peak of the vertex

16. Symmetrical open plane curve formed by the intersection of a cone with a plane parallel to its side