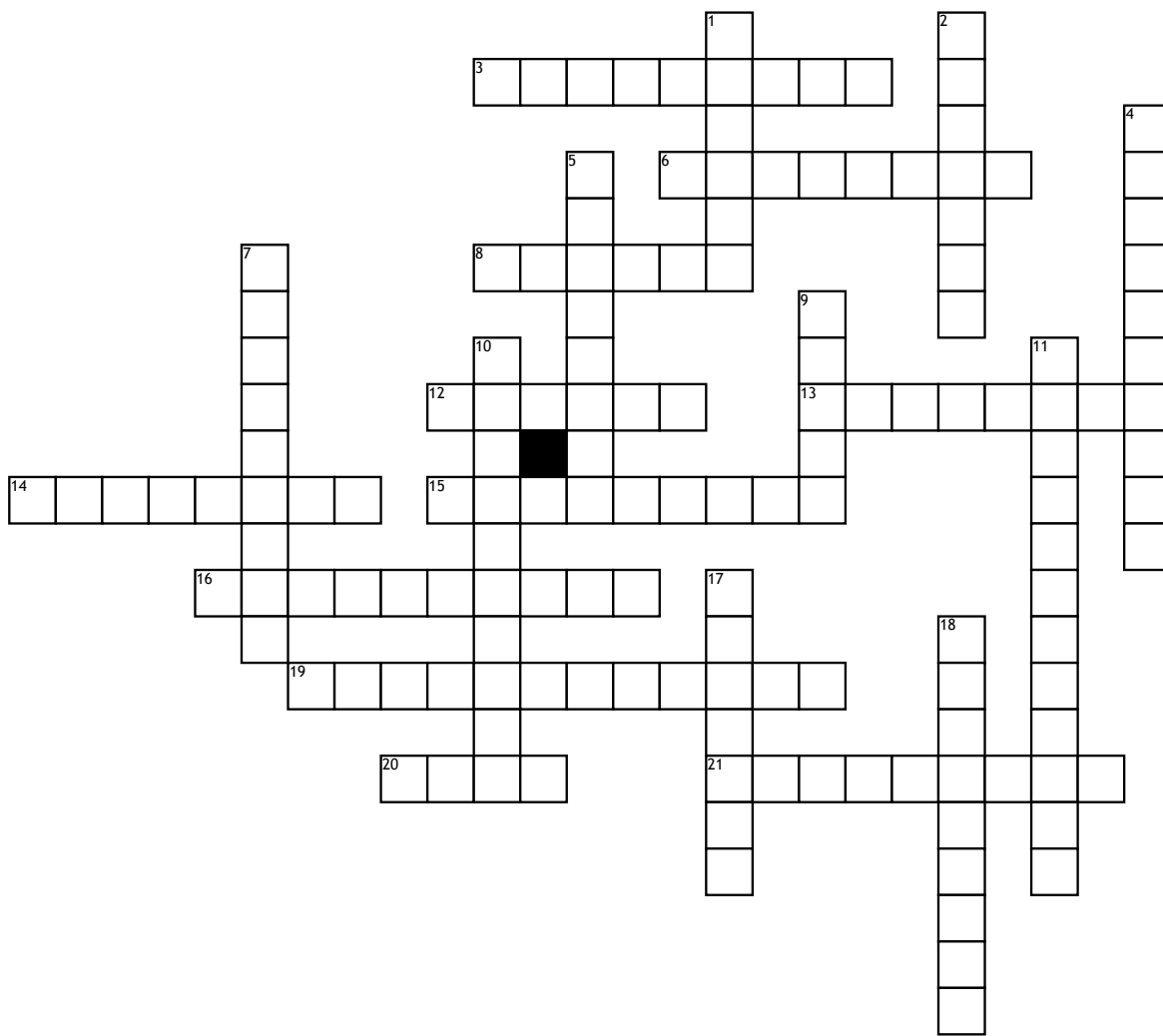


Name: _____ Date: _____ Period: _____

Math 3 Honors Crossword Puzzle



Across

3. this is the _____ formula
 $\rightarrow -b \pm \sqrt{b^2 - 4ac} / 2a$
 6. $(3x + 5y = 3)$ NOT $(2y = 4x + 2)$
 8. a line that can be defined by $y = mx + b$
 12. set of all possible x-values which will make the function work and produce real y-values
 13. expression of the sum or the difference of TWO terms $(x^2 + 9)$
 14. a number that can be made by dividing two integers $(1/2)$
 15. easier method of polynomial division and is commonly used to find the zeros/roots of a polynomial

16. real number that cannot be expressed as a ratio of two integers (pi)

19. the state of being multiple or various
 20. when there is a missing part of the line in a graph
 21. equation that has THREE terms which are connected by plus or minus signs $(x^2 + 3x + 6)$

Down

1. the "7" or "8" in $7 \times 8 = 56$
 2. any equation that has the highest power of four $(x^4 + 2x)$
 4. $3x < 7+3$

5. a number that stands alone in the equation without any variables attached (7)

7. $i^2 = -1$
 9. any equation that has the highest power of three $(x^3 + 2x^2 + 6)$
 10. an expression of MORE THAN two algebraic terms $(x^3 + 4x^2 + 3x + 12)$
 11. $b^2 - 4ac$
 17. any equation that has the highest power of 5 $(x^5 + 2x^3 + x)$
 18. a horizontal, vertical, or slanted line that a graph approaches but never touches