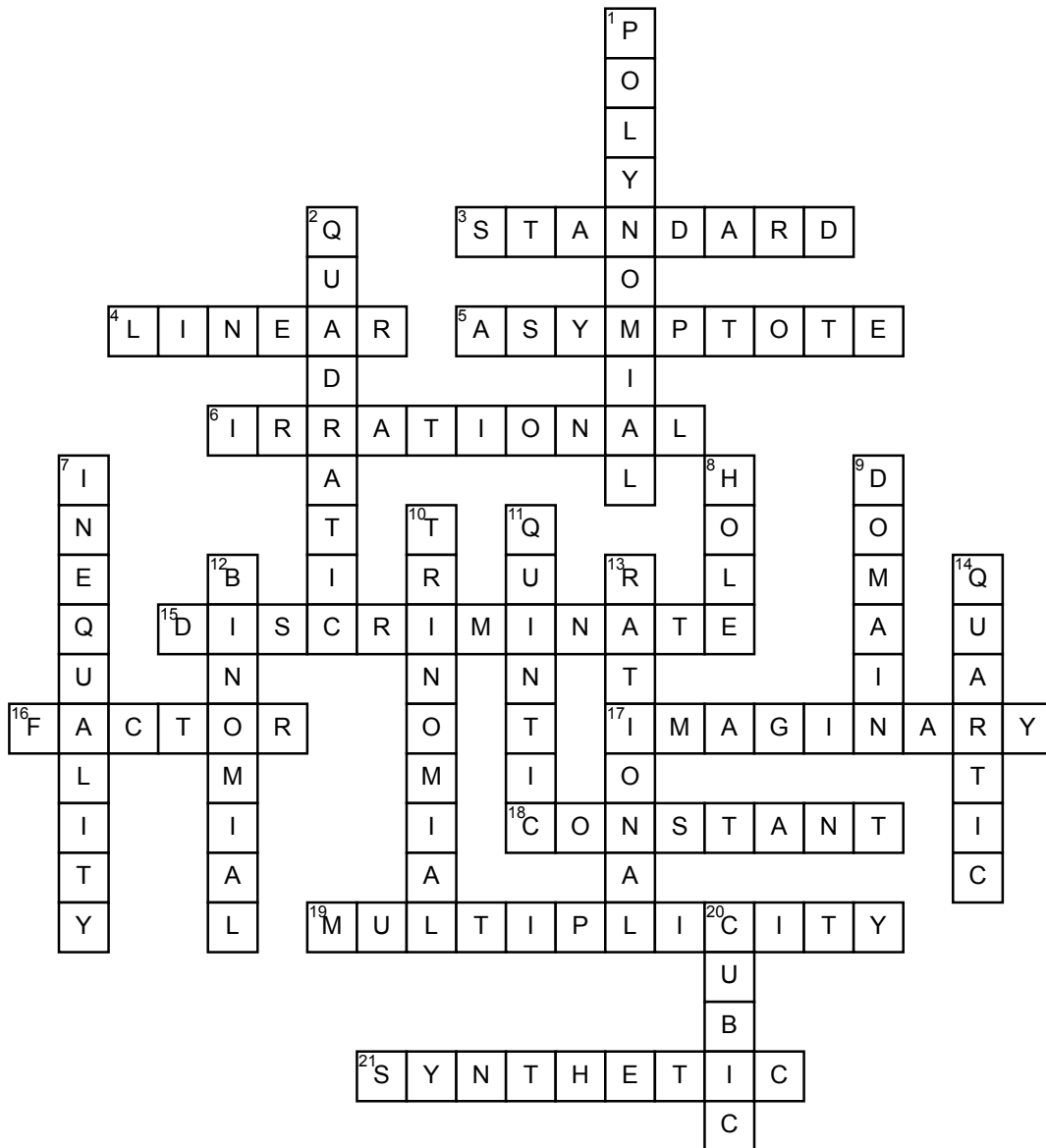


Name: _____

Date: _____

Period: _____

Math Vocabulary CrossWord



Across

3. Uses formula $ax + by = c$
4. A straight line on a graph that follows an expected order or sequence
5. A line that continually approaches a given curve but does not meet it at any infinite distance
6. Cannot be written in the form p/q , where p and q are integers and d is nonzero
15. A function of the coefficients of a polynomial equation whose value gives information about the roots of the polynomial
16. A number or quantity that when multiplied with another produces a given number or expression
17. A number expressed in terms of the square root of a negative number (usually the square root of -1 , represented by i)

18. A number on its own, or sometimes a letter such as a , b or x to stand for a fixed number

19. The real zeroes of a polynomial correspond to the x -intercepts of the graph of that polynomial. A zero has a, which refers to the number of times that its associated factor appears in the polynomial
21. A method for dividing two polynomials which can be used in place of the standard long division algorithm

Down

1. An algebraic expression that consists of two or more terms
2. An expression containing a term of the second degree, such as $x^2 + 2$
7. The relation between two expressions that are not equal, employing a sign such as $\neq$ "not equal to," $>$ "greater than," or $<$ "less than."

8. Exists on the graph of a rational function at any input value that causes both the numerator and denominator of the function to be equal to zero
9. Is the set of all possible x -values which will make the function "work"
10. An algebraic expression consisting of three terms
11. An expression containing a term to the fifth degree, like $3x^5 + x^3 + 9x + 20$
12. An algebraic expression consisting of two terms
13. A number that can be expressed as the quotient or fraction p/q of two integers, a numerator p and a non-zero denominator q ($1, 1/2, 2$, etc.)
14. An expression containing a term to the fourth degree, such as $x^4 + x^3 + 9x + 10$
20. An expression containing a term to the third degree, like $x^3 + 2x + 18$