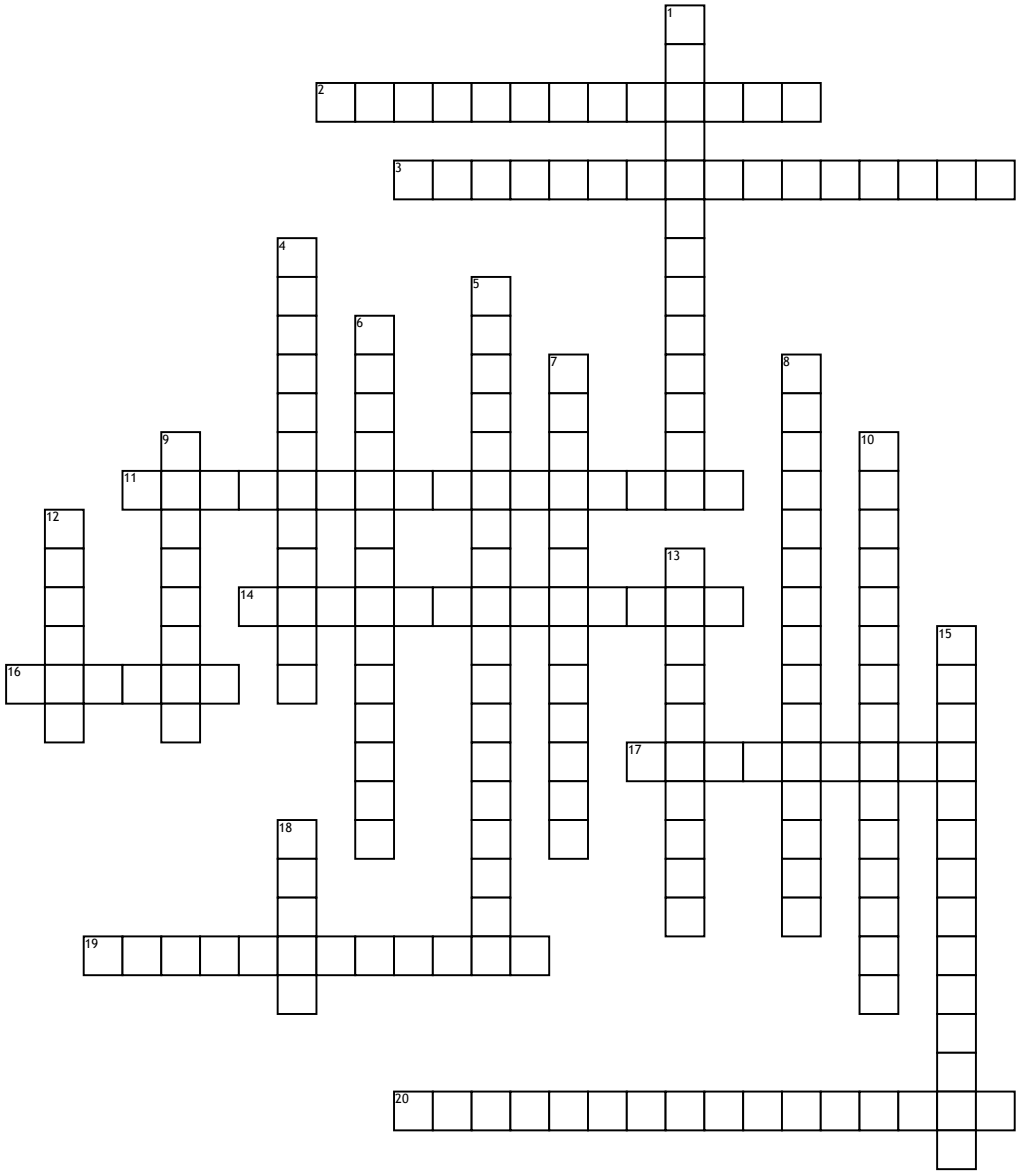
Name: _____ Date: _____ Period: _____

Puzzle Project: DC-PreCalculas



Across

2. a function that can be represented in the form f(x)=x^p

3. slanted asymptotes that show exactly how a function increases or decreases without bond.

11. functions involving roots

14. when we predict a value inside the domain and range of the data

16. the highest power of the variable that occurs in the polynomial

17. two pairs of binomials with identical terms but share opposite sums

19. a large number or the state of having multiple

20. a function that can be written as the ratio of two polynomials

Down

1. when we predict a value outside the domain and range data

4. can be positive, negative, or zero,8 and be whole numbers, decimals, or fractions.

5. coefficient of the leading term

6. when a model no longer applies after some point it is called _____

7. has an equation of the form x=a

8. the most basic complex number is i

9. two lines that are vertical

10. has an equations of the form f(x)=b

12. where h and k are the numbers in the transformation form of the function.

13. the sum of terms each consisting of a vertically stretched or compressed power function

15. a function whose graph produces a line

18. determines if the function is a decreasing function or an increasing function