Pre-Calc Vocabulary Crossword Puzzle
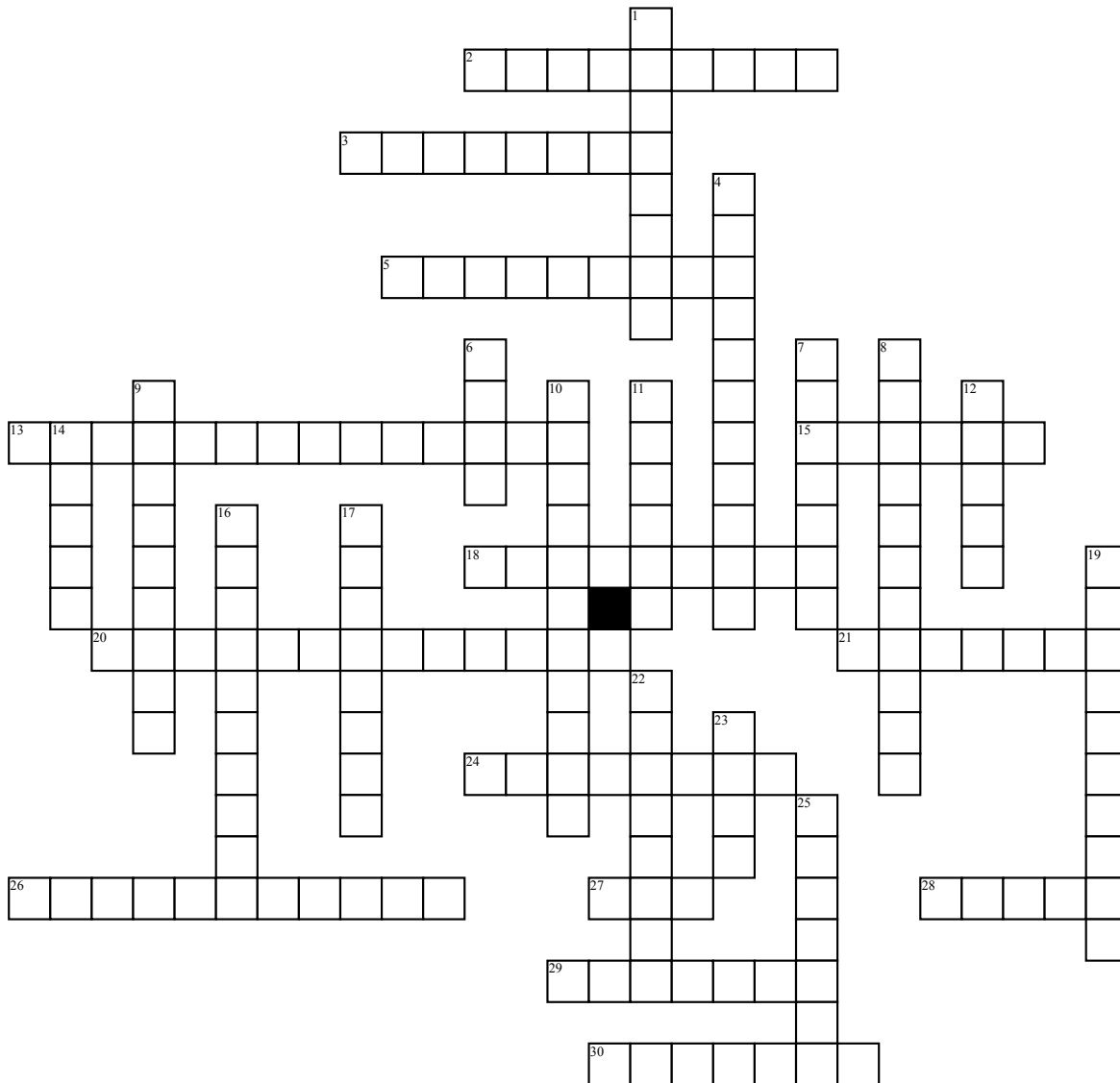

Across

2. The name for the graph of the reciprocal function.

3. A variable that has a single value.

5. The complex _____ of a complex number is the number obtained by flipping the sign of its imaginary part.

13. A change in the location or specific shape of a parent function, without changing its general shape.

15. A rectangular array of numbers that is represented by a set of numbers set in square brackets.

18. Half of the distance between the minimum and maximum output values of a sine or cosine function.

20. The process by which a fraction is rewritten so that the denominator contains only rational numbers.

21. A whole number that can be positive, negative, or zero.

24. A rule that relates two variables

26. A transformation consisting of a constant shift with no rotation or stretching.

27. A function is _____-to-one if each element in its range is paired with exactly one element from its domain.

28. Is used for the summation notation.

29. A graph which is essentially a stretched circle.

30. The function obtained by switching the x- and y-variables in a function.

Down

1. _____ numbers are a value for which an expression is either undefined or is equal to zero.

4. A course in math that prepares a student for calculus.

6. The line passing through the vertex of a parabola when the graph of the parabola is symmetric is the _____ of symmetry.

7. _____ numbers are a combination of a real and an imaginary number in the form a + bi.

8. A single number obtained from a matrix that reveals a variety of the matrix's properties.

9. The set of all real numbers between two given numbers.

10. The domain of a function are the values of this variable.

11. The set of all inputs for which a function or relation is defined.

12. The value that a function or expression approaches as the domain variable approach a specific value.

14. The complete set of all possible values of the dependent variable.

16. The test that proves whether a function is a one-to-one function or not is a _____ line test.

17. A transformation in which a figure grows larger.

19. An _____ number is a real number that cannot be written as a simple fraction.

22. A number that can be represented as the ratio of two whole numbers.

23. A technique used for distributing two binomials is the _____ method.

25. A full circle is divided into 360 _____.