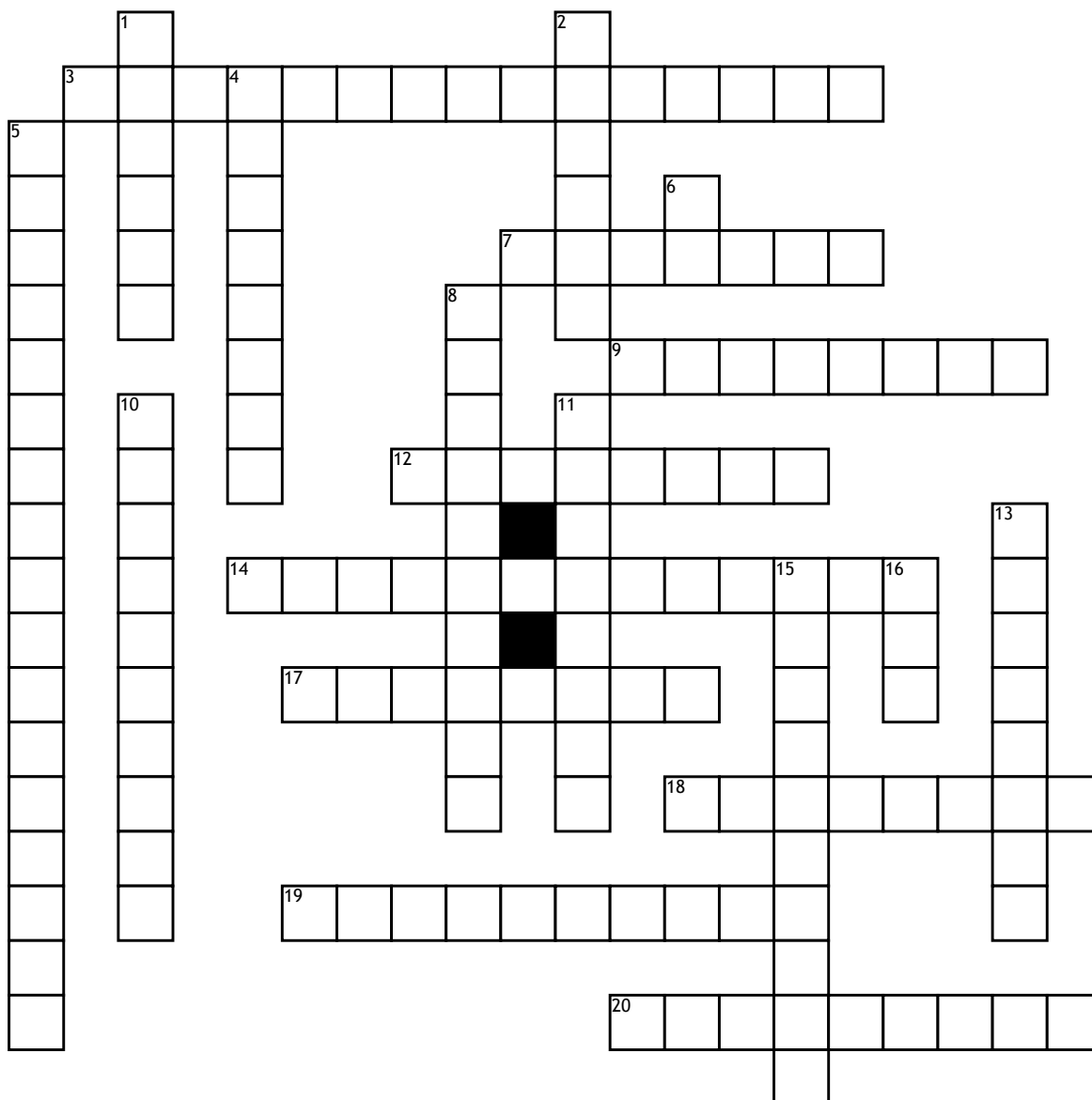


Name: _____

Extra Credit



Across

3. a two-dimensional plane formed by the intersection of a vertical line called y-axis and a horizontal line called x-axis.

7. expression containing a $\sqrt{\quad}$ symbol

9. For example, the set of numbers x satisfying $0 \leq x \leq 1$ is an.....

12. a symbol used to represent an arbitrary element of a set

14. analogous or equivalent in character, form, or function

17. the speed of something in a given direction.

18. a statement that the values of two mathematical expressions are equal (indicated by the sign $=$).

19. an expression of more than two algebraic terms, especially the sum of several terms that contain different powers of the same variable(s)

20. consists of writing a number or another mathematical object as a product of several factors, usually smaller or simpler objects of the same kind

Down

1. the amount of space that a substance or object occupies,

2. order of operations (acronym)

4.) expressible, or containing quantities that are expressible, as a ratio of whole numbers

5. an equation (or inequality) that describes the relationship between two quantities

6. 3.1415.....

8. a number which produces a specified quantity when multiplied by itself

10. not expressible as a ratio of two integers, and having an infinite and nonrecurring expansion when expressed as a decimal.

11. the exact middle point

13. a plane curve which is mirror-symmetrical and is approximately U shaped

15. the relation between two expressions that are not equal

16. largest positive integer that divides evenly into all numbers with zero remainder (acronym)