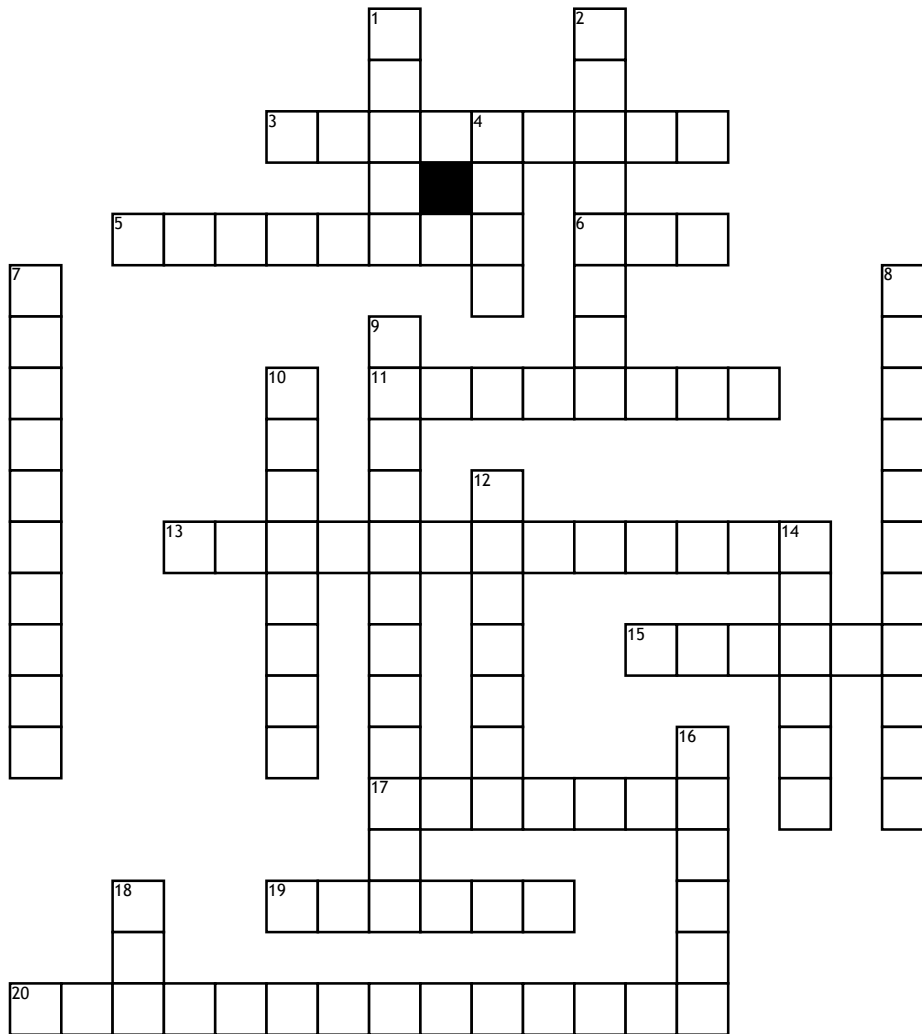


Name: _____

Date: _____

Mathematics Vocabulary



Across

- 3. the complementary of an empty set
- 5. a collection of numbers that follows a particular pattern
- 6. an integer that is not a multiple of 2
- 11. changes the truth value of a proposition (1 to 0 or vice versa)
- 13. a member of $N=\{0,1,2,3,4,5,\dots\}$
- 15. a set which is a part of another set
- 17. a whole number with no fraction (a member of $Z=\{\dots,-3,-2,-1,0,1,2,3,\dots\}$)
- 19. a _____ sequence is a sequence in which the difference between consecutive terms is constant

- 20. any number that can be expressed as the quotient or fraction p/q of two integers

Down

- 1. the elements which are in A, or in B, or in both
- 2. sets that have no elements in common
- 4. an integer that is divisible by 2
- 7. making a number simpler but keeping its value close to what it was
- 8. a mathematical statement which either true or false
- 9. the elements which appear in both A and B

- 10. a set with no elements
- 12. another name for objects or members in a set
- 14. this notation is a list of elements, separated with a commas, enclosed in curly braces
- 16. A subset of a given set that is not the set itself is called a _____ subset
- 18. A collection of things (objects or numbers, etc)

Word Bank

- | | | | | |
|----------|----------------|----------|------------|---------------|
| EVEN | SET | PROPER | SEQUENCE | UNION |
| ELEMENT | INTERSECTION | ROSTER | ESTIMATION | NATURALNUMBER |
| SUBSET | RATIONALNUMBER | LINEAR | EMPTYSET | ODD |
| DISJOINT | PROPOSITION | NEGATION | INTEGER | UNIVERSAL |