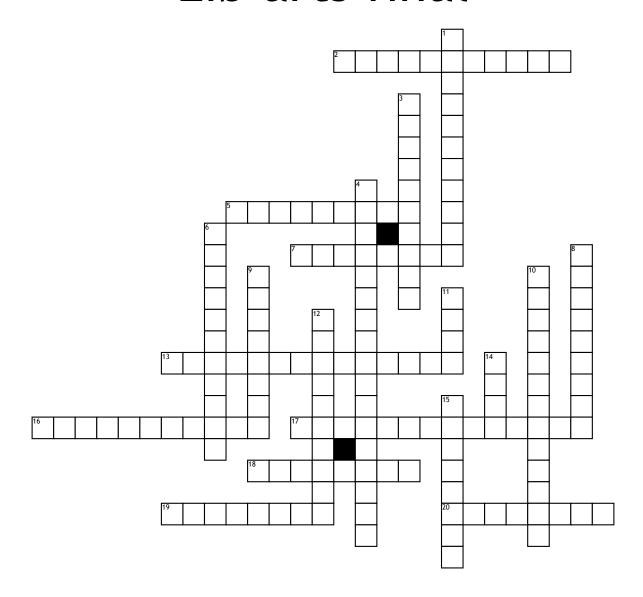# Lib arts final

Across

2. the set of numbers that includes rational and irrational numbers.

5. terms with exactly the same variable factors in a variable expression

7. a mathematical sentence with an equal sign

13. an example that shows a conjecture is false

16. The numerical factor when a term has a variable

17. The set of numbers 1, 2, 3, 4, … Also called counting numbers.

18. a symbol (like x or y) that is used in mathematical or logical expressions to represent a variable quantity

19. to write an expression in a simpler form

20. substituting a given number for each variable

Down

1. adding the opposite

3. a mathematical phrase that contains operations, numbers, and/or variables

4. numbers that cannot be expressed in the form a/b, where a and b are integers and b =0.

6. The set of numbers 0, 1, 2, 3, 4,….

8. two numbers that are the same distance from zero on a number line, but are in opposite directions. (-2 and 2)

9. a quantity that does not vary

10. The distance that a number is from zero on the number line

11. the number or expression that is used as a factor in a repeated multiplication

12. A statement that compares two quantities using <, >, ≤,≥, or ≠

14. a number, a variable, or the product of a number and a variable

15. Whole numbers and their opposites