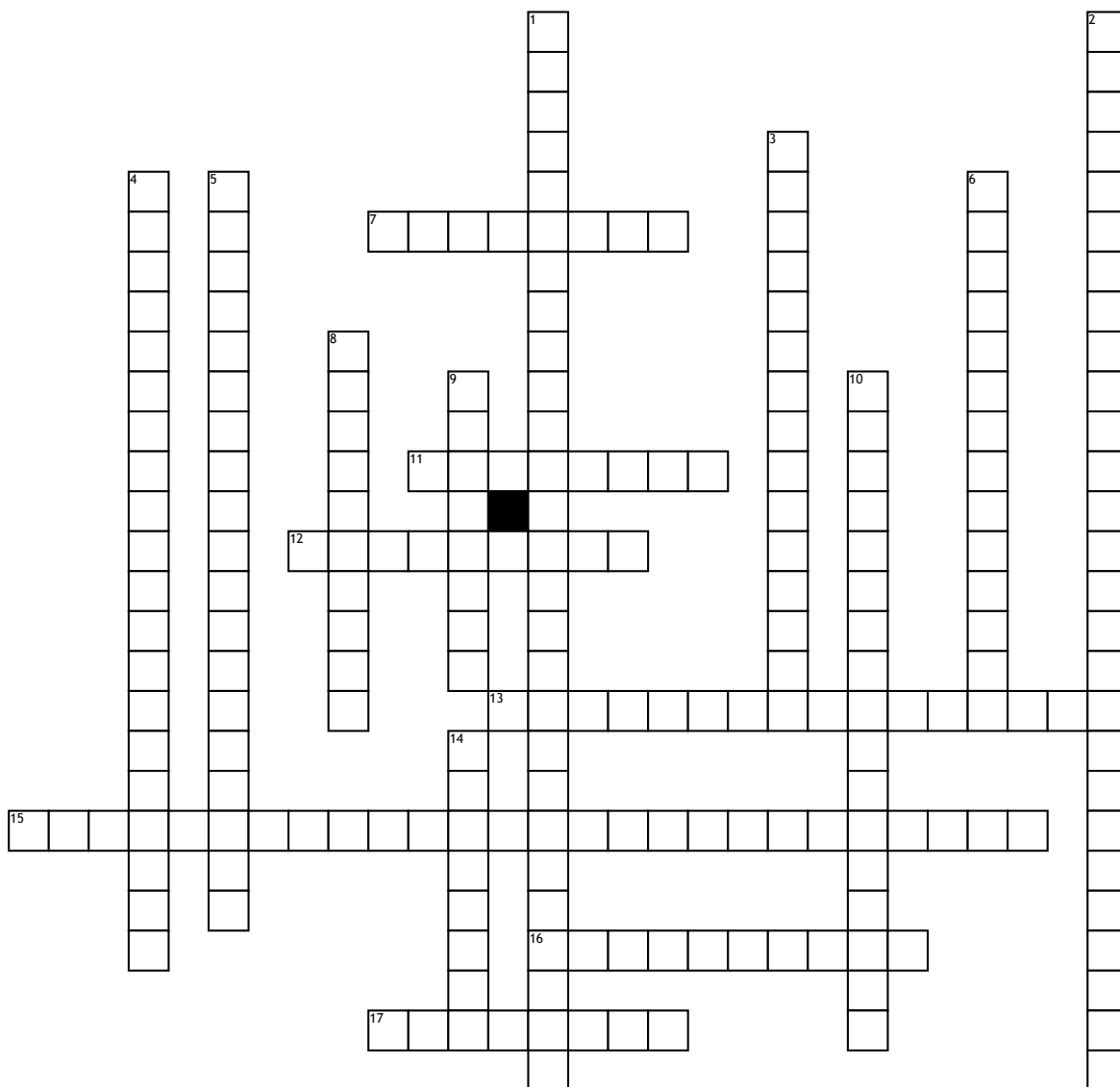


Name: _____

Date: _____

Unit 2: Exponents and Equations



Across

7. a quantity that may change within the context of a mathematical problem or experiment
11. the number that produces a given number when cubed
12. terms whose variables are the same
13. the representation in base 10
15. if the same amount is added to both sides of an equation, then the equality is still true
16. the number that produces a specified quantity when multiplied by itself

17. any number that can be expressed as the quotient or fraction p/q of two integers, a numerator p and a non-zero denominator q

Down

1. when you substitute a specific value for each variable, and then perform the operations
2. an equation that can be written in the form $ax + b = c$, where a , b , and c are real numbers
3. two integers that are opposite of each other
4. an expression built up from integer constants, variables, and the algebraic operations

5. writing certain mathematical equations in a simpler form

6. the product of a rational number multiplied by itself
8. not expressible as a ratio of two integers and having an infinite expansion when expressed as a decimal
9. a statement that the values of two mathematical expressions are equal
10. opposite operations that undo each other
14. the number of times a number is multiplied by itself