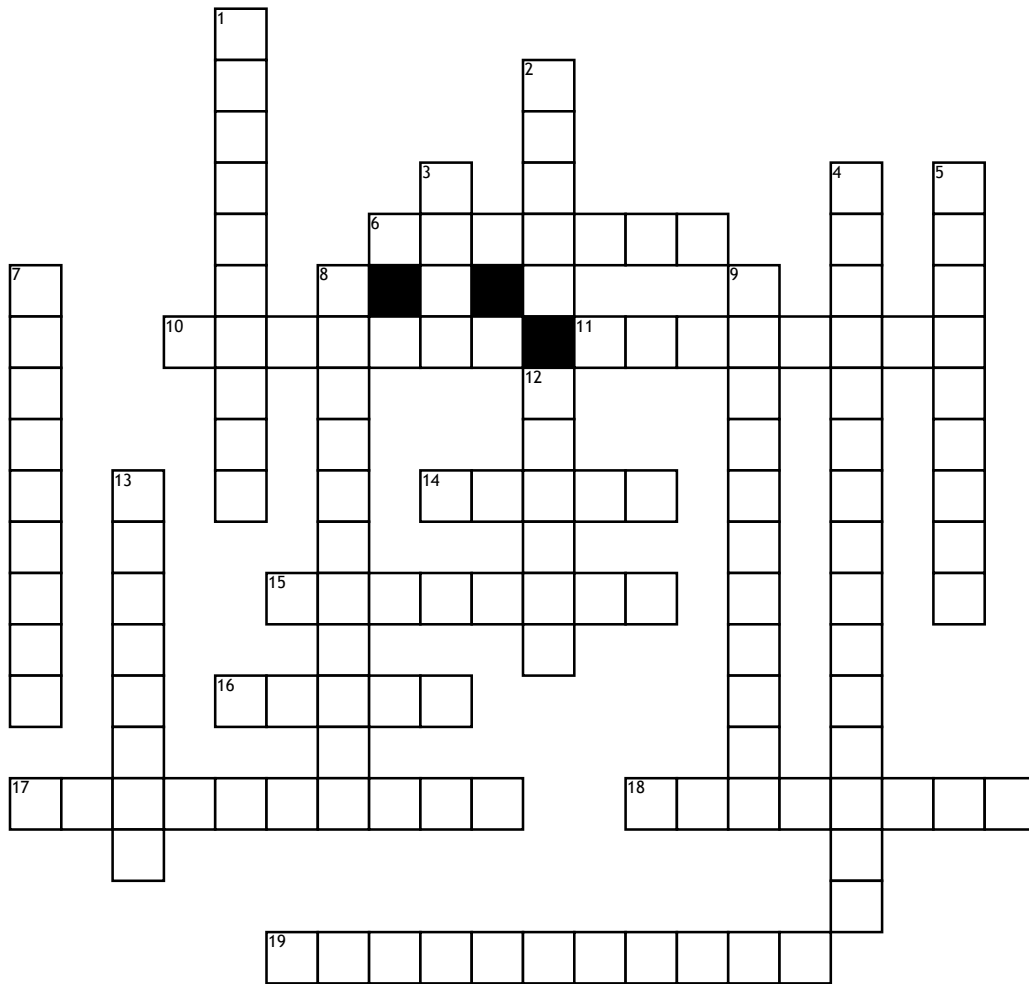


Name: \_\_\_\_\_

# algebra 2



## Across

6. An indicated root of a quantity.  
10. A member of the set of whole numbers and their opposites.  
11. The number that indicates how many times the base in a power is used as a factor.  
14. Each value in a matrix; also called an element.  
15. The point that divides a segment into two congruent segments.  
16. A measure of the steepness of surfaces, expressed as a percent.

17. A statement that two ratios are equal.  
18. A relation in which every input is paired with exactly one output.  
19. In a geometric sequence the constant ratio of any term and the previous term.
- ## Down
1. The side opposite the right angle in a right triangle.  
2. A comparison of two quantities by division.  
3. A ratio that compares two quantities measured in different units.

4. A system of equations that has infinitely many solutions.  
5. The process of writing a number or algebraic expression as a product.  
7. Having the same size and shape.  
8. A real number associated with a square matrix.  
9. A compound statement that uses the word and.  
12. A rectangular array of numbers.  
13. A mathematical statement that two expressions are equivalent.

## Word Bank

exponent	ratio	congruent	function	factoring
midpoint	determinant	common ratio	proportion	grade
dependent system	matrix	equation	Hypotenuse	radical
integer	entry	conjunction	rate	