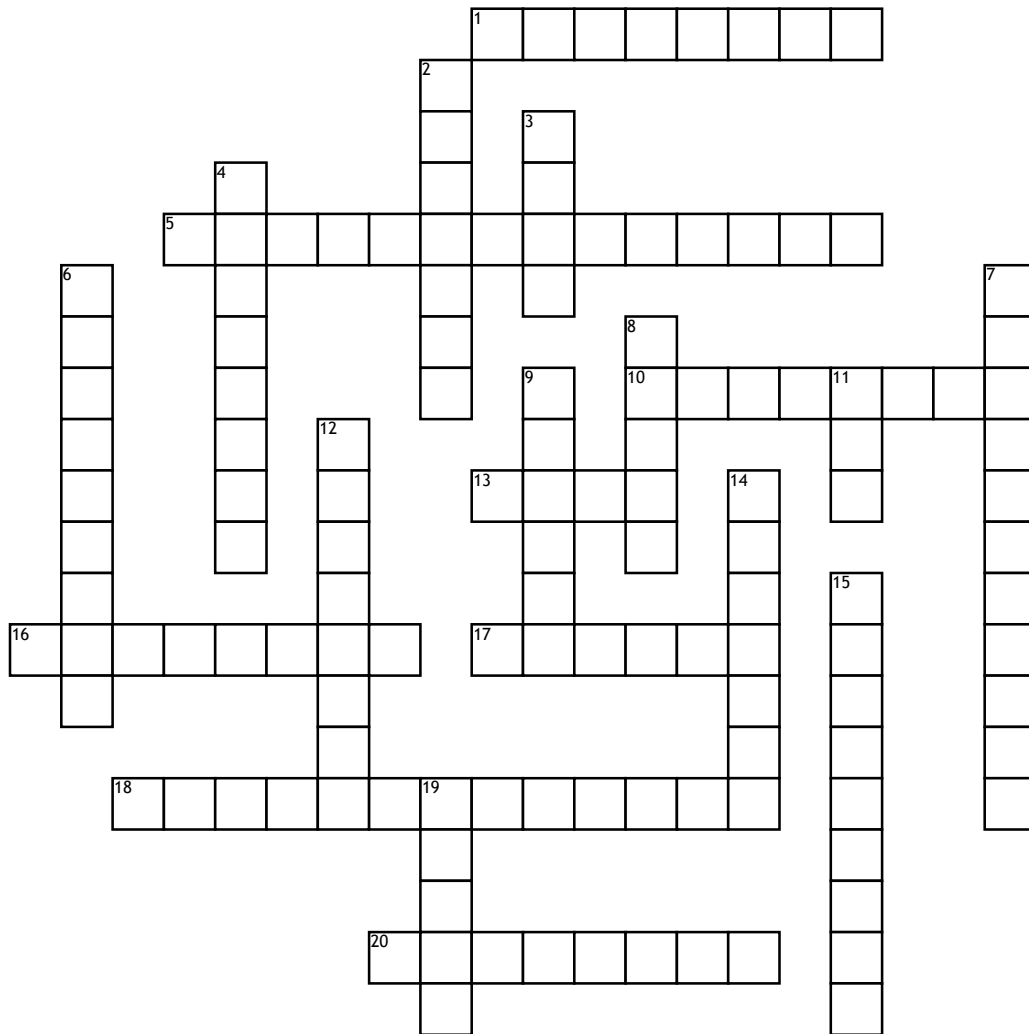


# Radicals Crossword



## Across

1. Splitting something into equal parts/groups  
 5. All radicals require \_\_\_\_  
 10. A radical \_\_\_\_ is an equation in which a variable is under a radical.  
 13. 25 divided by 5 is \_\_\_\_  
 16. The name of the number under the radical  
 17. A \_\_\_\_  $\sqrt{\quad}$  is used to indicate that a root is being taken - such as a square root.

## Word Bank

- |             |           |                |          |                |
|-------------|-----------|----------------|----------|----------------|
| like terms  | equation  | perfect square | three    | two            |
| negative    | division  | seven          | foil     | simplification |
| denominator | radical   | symbol         | triangle | thirty         |
| five        | trinomial | binomial       | radicand | isolate        |

18. 1, 4, 9, 16, 25 are all \_\_\_\_  
 20. The square root of a square root number is always \_\_\_\_
- ## Down
2. A \_\_\_\_ expression is defined as any expression containing a radical ( $\sqrt{\quad}$ ) symbol.  
 3. When multiplying large radicals you use \_\_\_\_  
 4. An algebraic expression that contains two terms is called \_\_\_\_  
 6. An algebraic expression that contains three terms is called \_\_\_\_

7. You can never have a radical as a \_\_\_\_  
 8. The square root of 49 is \_\_\_\_  
 9. 5 multiplied by 6 is \_\_\_\_  
 11. The square root of 4 is \_\_\_\_  
 12. A \_\_\_\_ has 3 sides  
 14. To solve a radical equation: \_\_\_\_ the radical expression involving the variable.  
 15. Terms that contain the same variables is called \_\_\_\_  
 19. The square root of 9 is \_\_\_\_