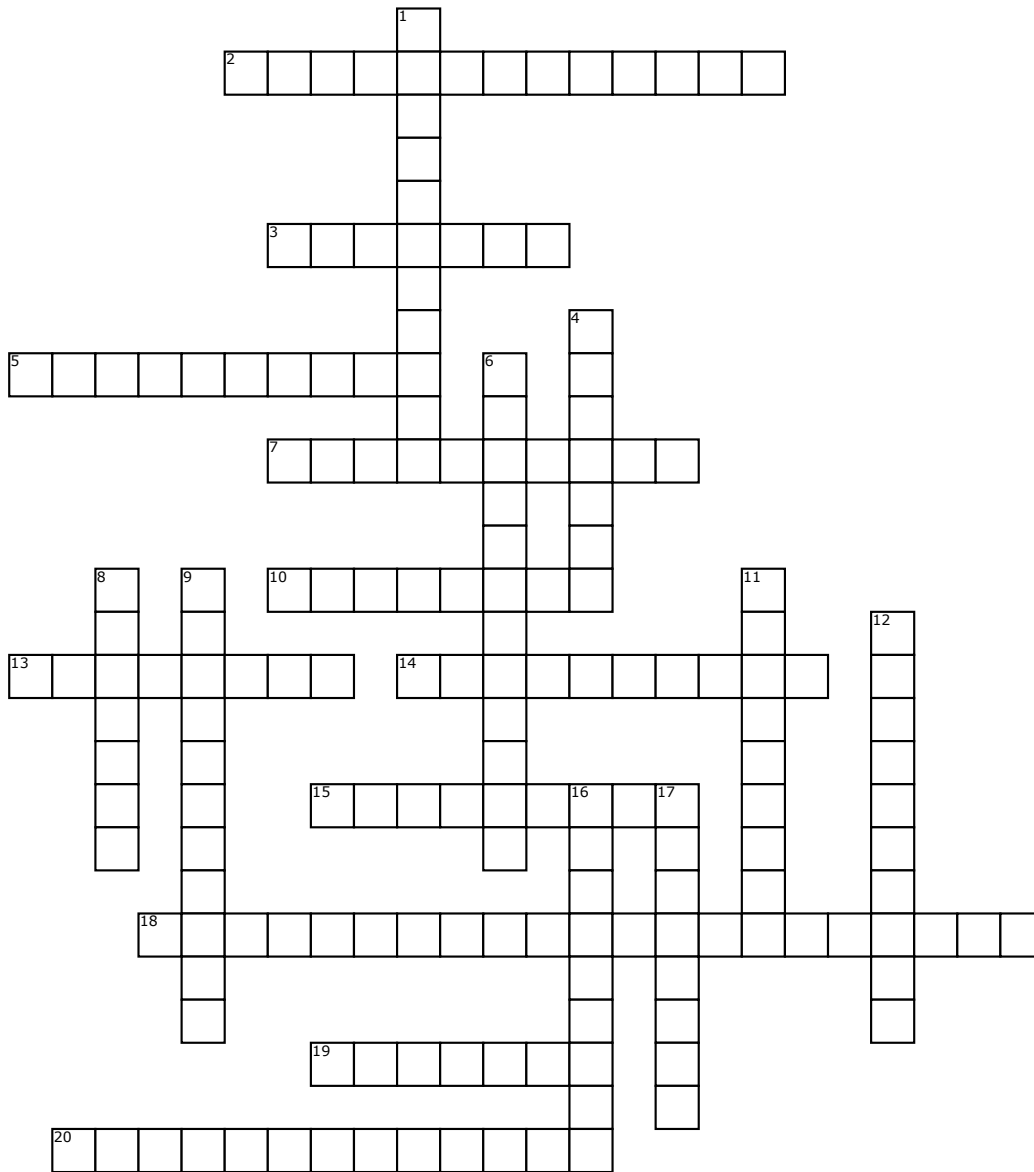


# RADICALS ARE RAD



**Across**

- 2. A number that has a whole number square root
- 3. Any expression containing a radical symbol
- 5. A value that when multiplied by itself gives a number
- 7. Mathematical phrase that can contain ordinary numbers
- 10. A relationship or expression involving one or more variables
- 13. A statement that the values of two mathematical expressions are equal
- 14. Similar or identical in value

- 15. A quantity representing the power to which a given number or expression is to be raised
  - 18. Contains alphabetic symbols as well as numbers
  - 19. An expression that identifies factors to be multiplied
  - 20. A number that occurs commonly and obviously in nature
- Down**
- 1. The number below the line in a common fraction
  - 4. The number found inside a radical symbol
  - 6. Objects that generalize the classical notion of functions

- 8. The result of multiply a number by itself
- 9. The process where a fraction is rewritten so that the denominator contains only rational numbers
- 11. Useful in simplifying fractions
- 12. Performed on a pair on numbers in order to derive a third number called a product
- 16. The top number in a fraction
- 17. To reduce an equation or fraction