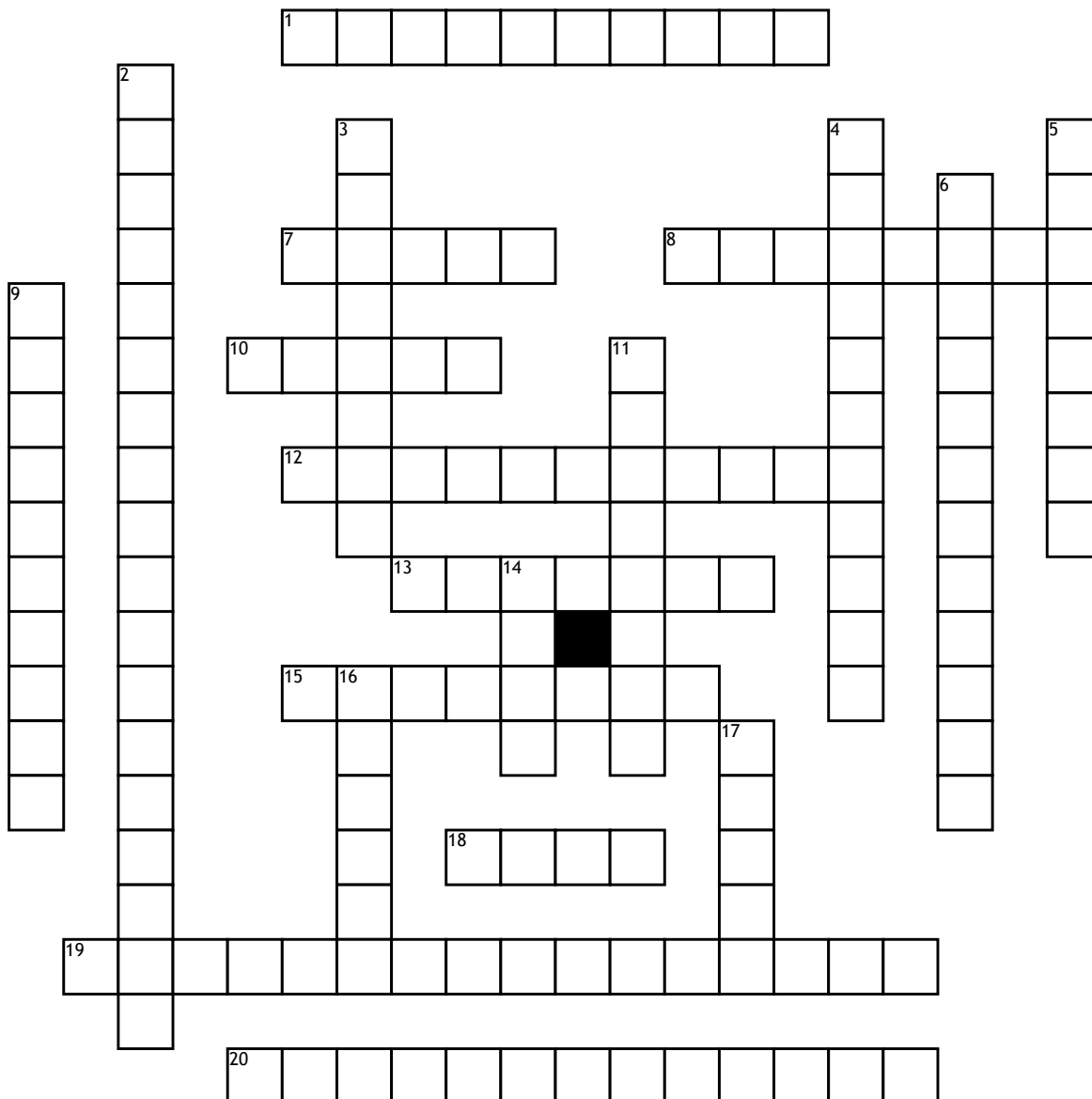


# Algebra crossword puzzle



**Across**

- 1. number considered in comparative relation to a whole
- 7. says how many times to use the number in a multiplication
- 8. expression of the sum or the difference of two terms
- 10. 2:3
- 12. way of selecting several things out of a larger group
- 13. group of mathematical symbols that express a relationship or that are used to solve a problem
- 15. equality relation  $A=B$

18. most common used is the decimal system

19. difference between two numbers in an arithmetic sequence

20. vector product

**Down**

2. maps the set of nonnegative real numbers onto itself

3. relationship or expression involving one or more variables

4. (9,0), (7,5)

5. relationship between a set of values

6. reveals what type of roots the equation has

9. where the line crosses the y axis

11. to substitute a number for each variable and perform the arithmetic operations

14. ration that compares two quantities having different units of measure

16. x values

17. resulting y values we get after substituting all the possible x values