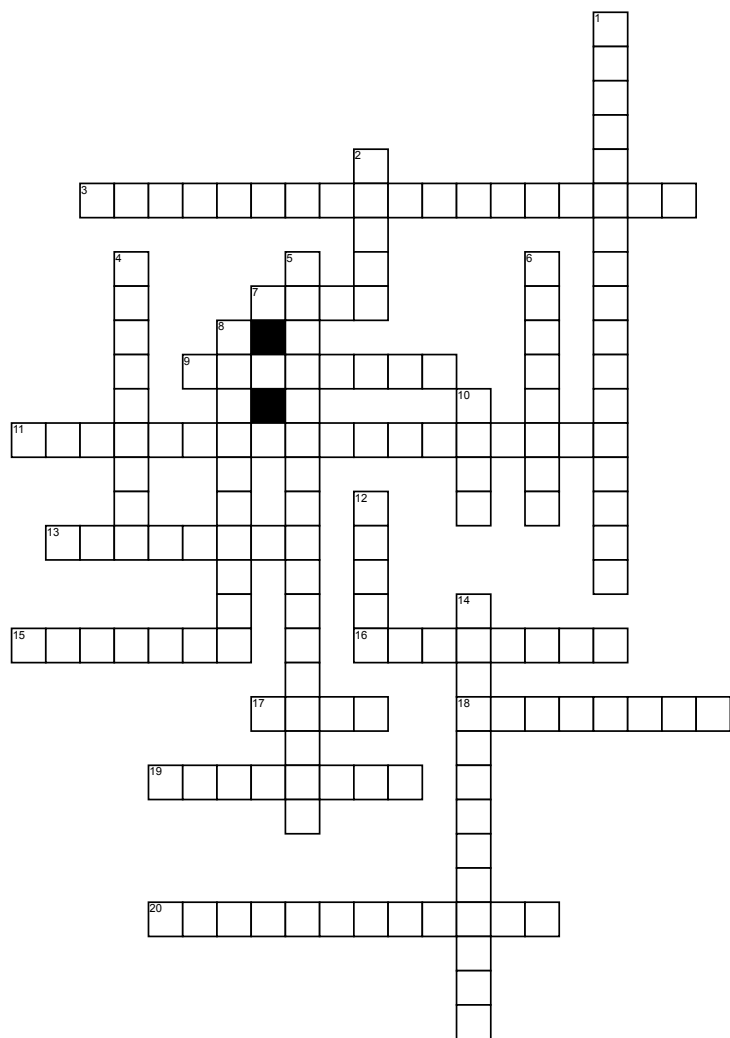


# Exponents & Scientific notation



## Across

3. What method of writing or displaying numbers in terms of a decimal number between 1 and 10, multiplied by a power of 10?

7. Place the decimal point so that there is one non-zero digit to the \_\_\_\_\_ of the decimal point.

9. A very small number will result in a \_\_\_\_\_ exponent.

11. The exponent in \_\_\_\_\_ is equal to the number of the decimal point must be moved to produce a number between 1 and 10.

13. A very large number will result in a \_\_\_\_\_ exponent.

15. The dot that separates the ones and tenths place.

16. Count the number of decimal places the decimal has "moved" from the original number. This will be the \_\_\_\_\_ of the 10.

17. Move the decimal point to the \_\_\_\_\_ for negative exponents of 10.

18. Find a numerical expression.

19. The value of something?

20. What is a way of writing very large numbers easily?

## Down

1. What is the name of the numbers to the right of 0?

2. Move the decimal point to the \_\_\_\_\_ for positive exponents of 10.

4. A quantity representing the power to which a given number or expression is to be raised, usually expressed as a raised symbol beside the number or expression.

5. What is the name for a number to the left of 0?

6. Shortening the answer as small as possible.

8. When the numerator and denominator trade places it is a?

10. Number thats being multiplied by the exponent.

12. Scientific Notation is used to write really \_\_\_\_\_ or small numbers.

14. What is the rule that occupies you to multiply the exponents?

## Word Bank

Simplify  
Standardform  
Positive  
Evaluate  
Left

Right  
Negative Exponents  
Base  
Exponents  
Exponent

Scientific Notation  
Powertoapower  
Reciprical  
Decimal  
Negative

Quantity  
Positive Exponents  
Large  
Scientific Notation  
Left