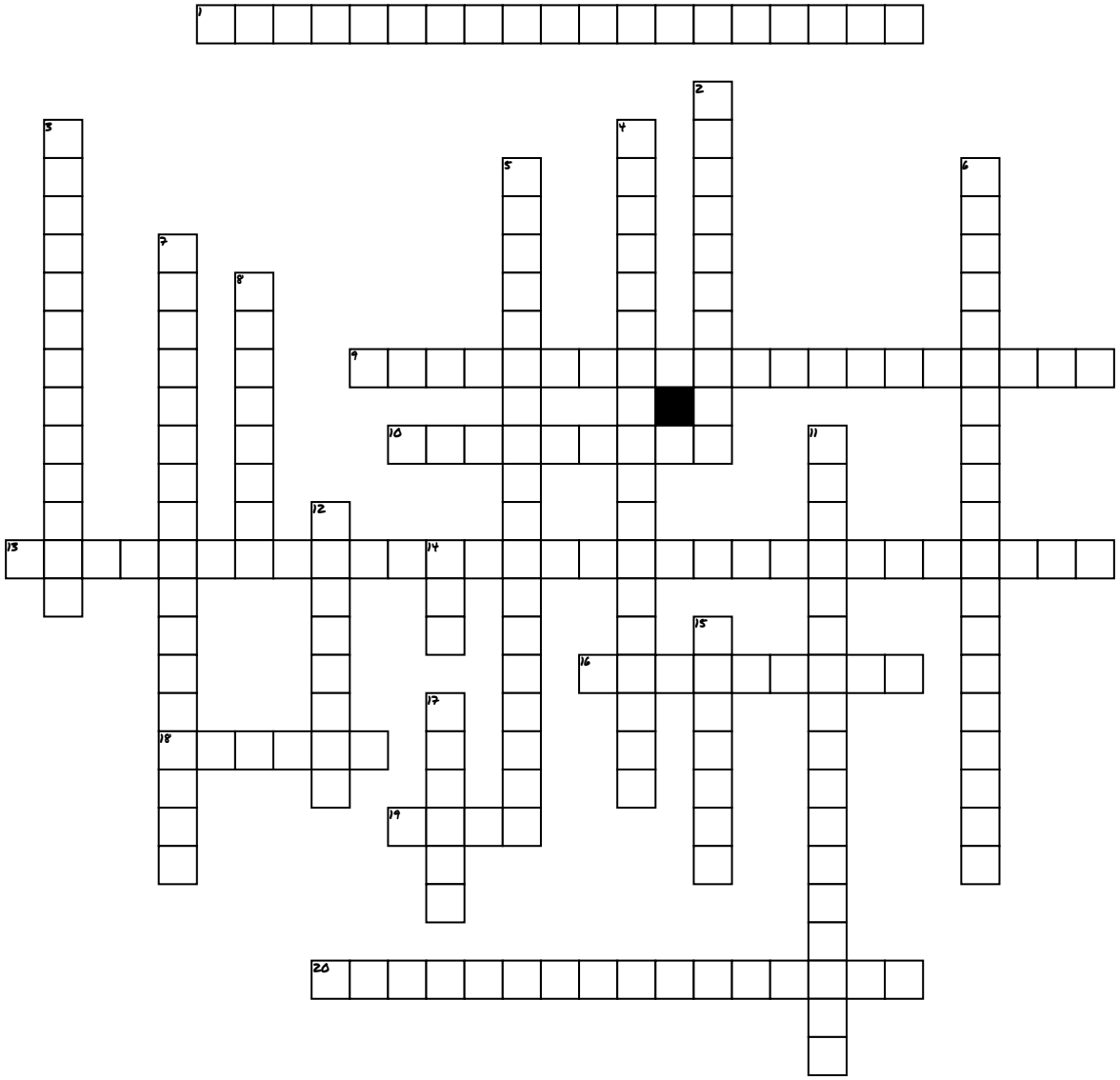
Name: _____

Trigonometric and Logarithmic



Across

1. Equation that involves the logarithm of an expression containing a variable
9. If you can write them with the same base, just set the exponents equal to each other
10. A right angle
13. If the logs have the same sub base, drop the log and the base and solve
16. Inverse of tangent
18. Inverse of sine
19. Opposite over hypotenuse
20. The angle between the horizontal and a line of sight above the horizontal is called an

Down

2. Degrees of a circle
3. Two angles whose sum is 180°
4. A theorem attributed to Pythagoras that the square of the hypotenuse of a right triangle is equal to the sum of the squares of the other two sides.
5. Two angles whose sum is 90°
6. A function whose value is a constant raised to the power of the argument, especially the function where the constant is e.
7. The angle between the horizontal and a line of sight below the horizontal is called an
8. 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
11. Use this to find missing angles
12. Inverse of cosine
14. In a triangle radius equals this number
15. Opposite over adjacent
17. Adjacent over hypotenuse