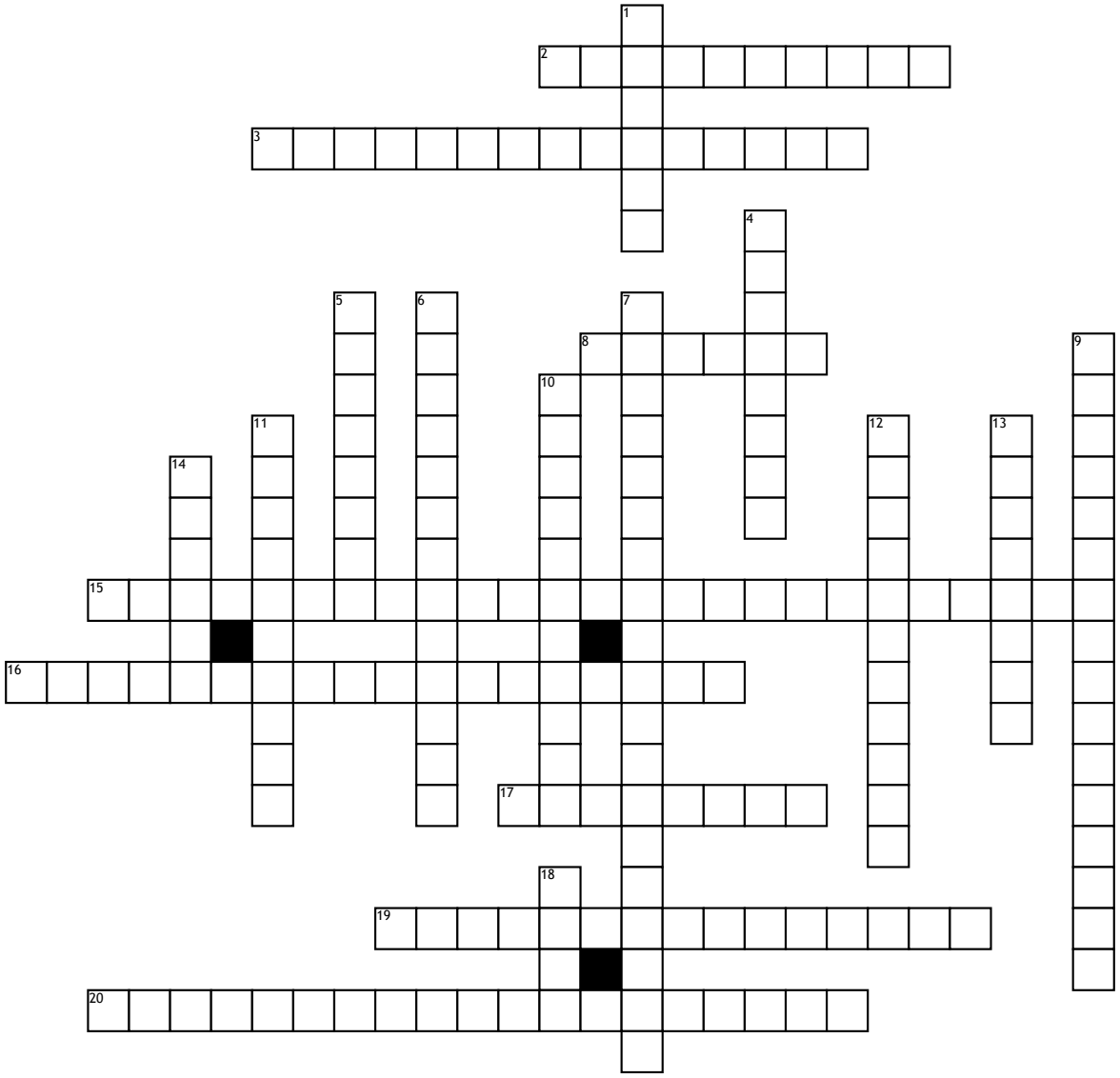
Name: _____ Date: _____

Logarithmic functions



Across

2. Rules associated with logarithims that allows you to condense or ecoand a logarithim are log

3. Logab=log a +log b

8. Base 10 logarithim is called

15. Y=ln is an example of

16. An equation that contains logarithim expressions

17. In a logarithmic,x is sometimes referred to as the

19. The integer part of a logarithim

20. Allows you to write logarithmic expressions that have different bases

Down

1. In a logarithim what y equals (y=_)

4. The logarithim of a power is the product of the logarithim and the

5. In logarithmic functions the asymptote the graph approaches but never touches is

6. Log a^b=b log a

7. The inverse of an exponential function

9. Loga/b= log a- log b

10. The logarithim of a quotient is the difference of the ligarithims of the numerator and the

11. In the equation y=logbx,y is referred to as the

12. Logarithim function domain is a set of all

13. The logarithim of a number between 1 and 10

14. The logarithim of a product is the sum of its

18. In the expression y=logb x,y is called the logarithim b is called the