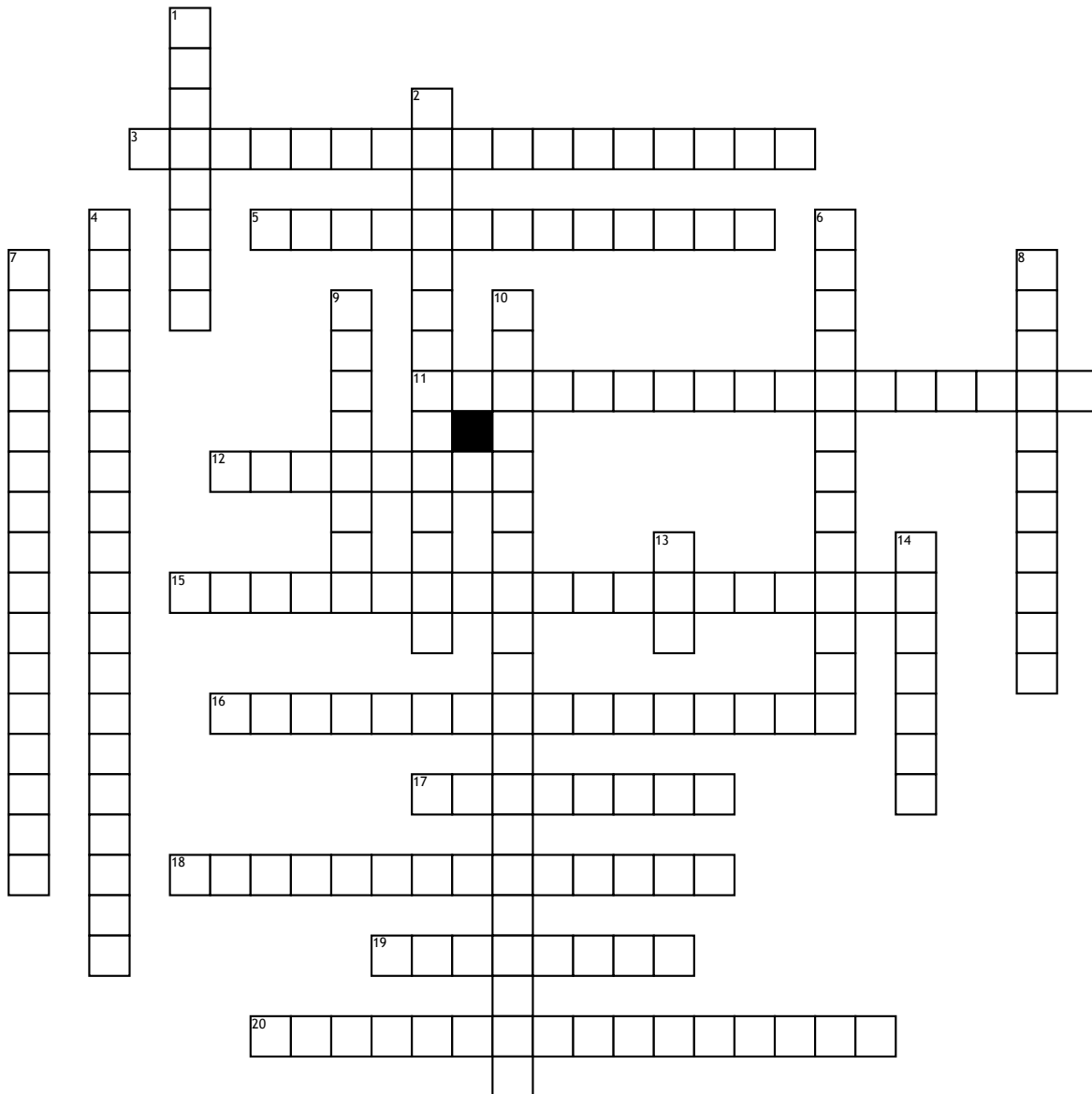# Exponential/Logarithmic Functions Cross Word

Across

3. The inverse of an exponential function.

5. Fitting a linear function to the two closest known data points

11. The growth of something exponentially.

12. The adding of two or more numbers.

15. The interpolation of a linear function.

16. Logarithm to the base e.

17. A statement of equality between two expressions.

18. The multiplying of two or more things.

19. The dividing of two or more things.

20. The decline of something exponentially.

Down

1. In exponential notation n^x, x is the _____.

2. The integer part of a logarithm.

4. An equation that contains logarithmic expressions.

6. The opposite of a logarithm.

7. _____ interest is an application of an exponential and logarithmic equations.

8. Subtracting two or more things.

9. A number between 0 and 1 of a logarithm.

10. The function(s) f(x)=a^x , where a is some positive real-number constant different from 1.

13. The abbreviation used for the logarithmic function base 10.

14. If we interchange the first and second coordinates of each ordered pair in a relation, we obtain a relation that is the _____ of the original relation.