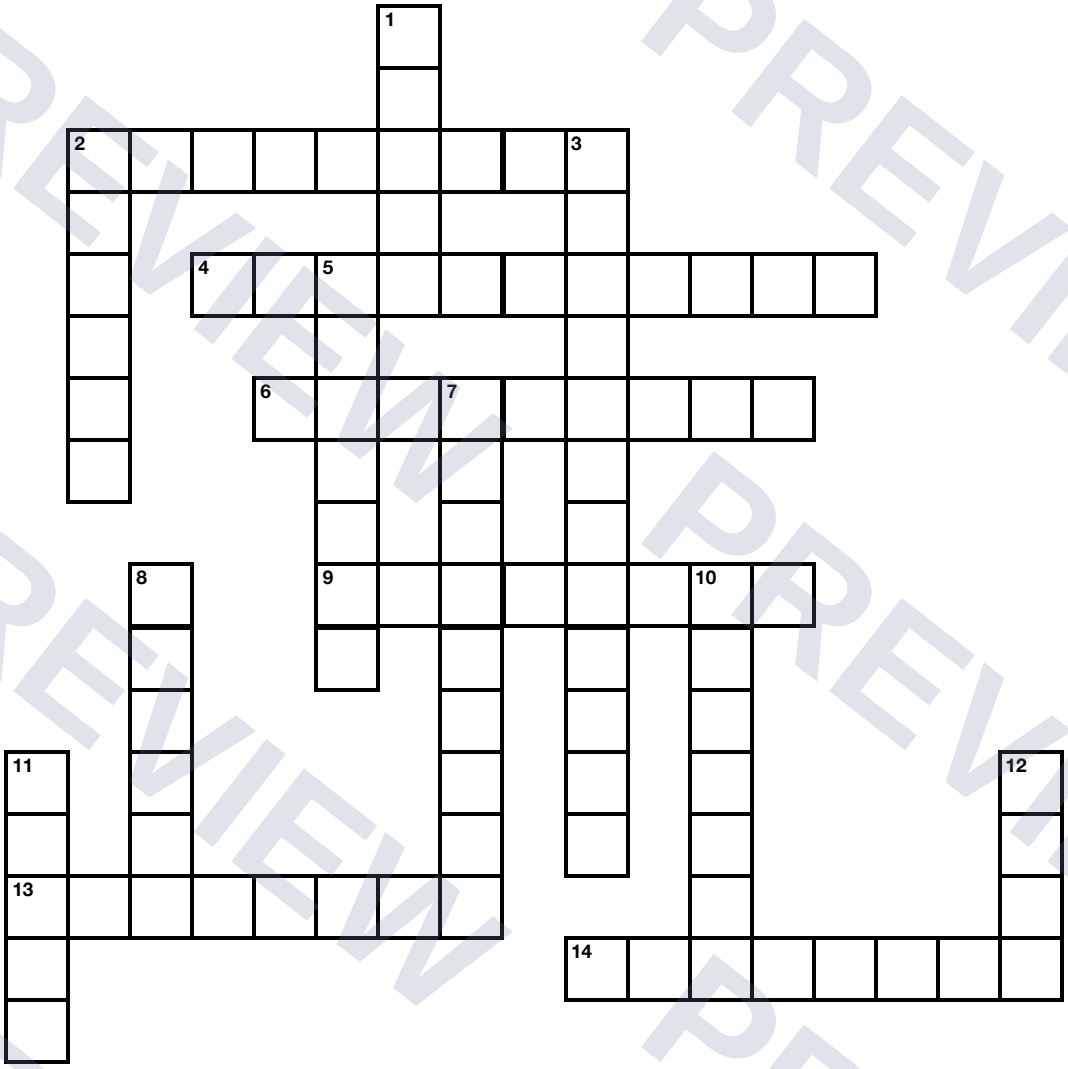
MATH
VOCAB
CROSSWORD

Exponential & Logarithmic

ALGEBRA 2 · VERSION A

Name: **Date:** **Period:**

Directions: Read each clue and write the math vocabulary word in the puzzle, one letter per box.



ACROSS →

2 A sequence that multiplies by the same number each time

4 A function of the form $y = ab^x$

6 The exponent you put on b to get x; $\log_b x$

9 Interest earned on both principal and past interest

13 An infinite geometric series with $|r| < 1$ does this to a sum

14 Time for a substance to decay to half its amount (no hyphen)

DOWN ↓

1 In 2, 6, 18, 54, the common ___ is 3

2 When $b > 1$ in $y = ab^x$, the function shows exponential ___

3 $A = Pe^{rt}$ is used when interest is compounded ___

5 log(MN) = log M + log N is the ___ Property

7 $y = 2^x$ has a horizontal ___ at y = 0

8 log x with base 10 is the ___ logarithm

10 ln x is the ___ logarithm, with base e

11 When $0 < b < 1$ in $y = ab^x$, the function shows exponential ___

12 In $y = 3(2)^x$, the 2 is the ___

© Math Teacher Prints

Preview - the full worksheet and its answer key are at primeworksheet.com