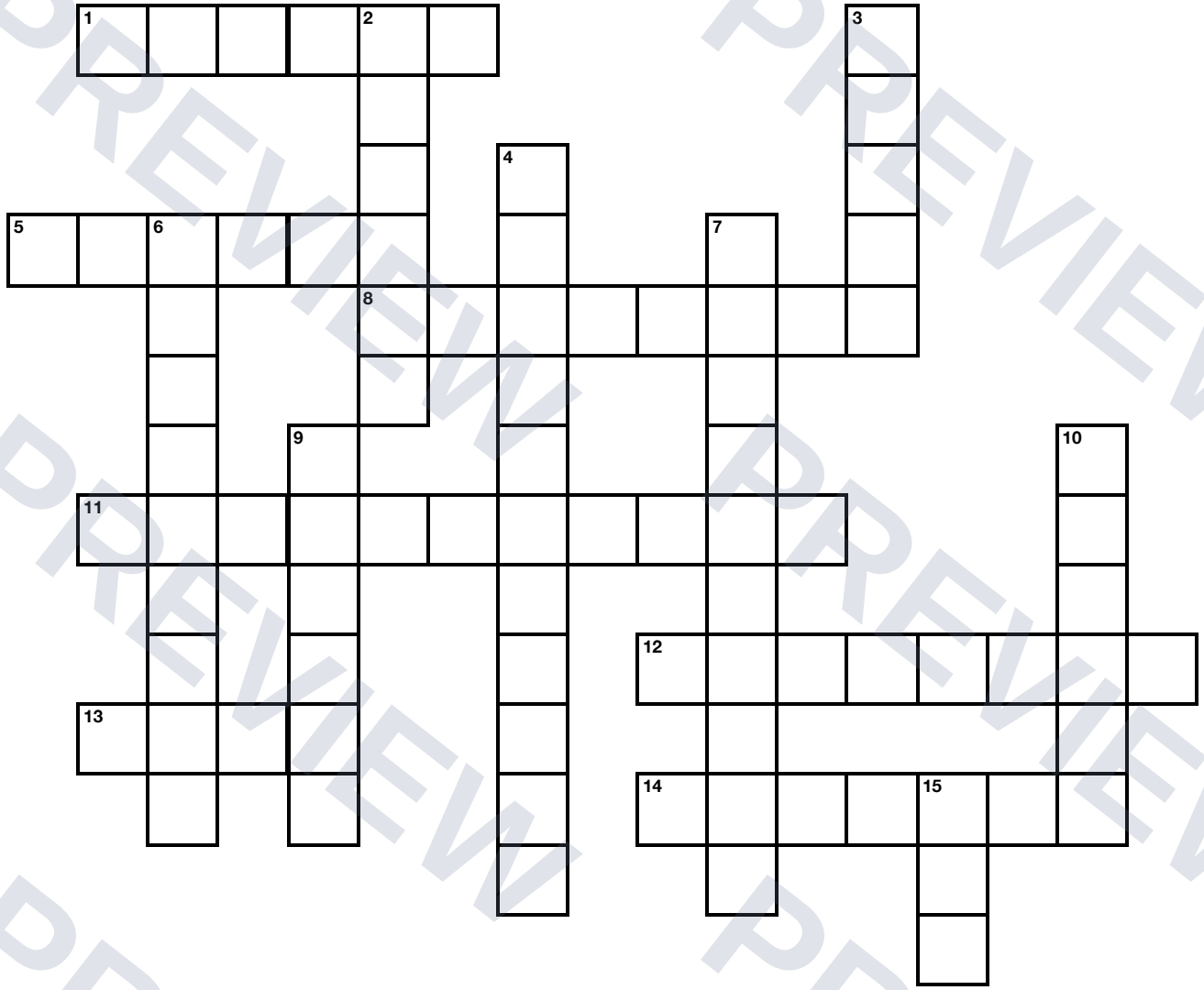
MATH
VOCAB
CROSSWORD

Matrices

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 →

1 A vertical line of entries in a matrix

5 A real number that multiplies every entry of a matrix

8 Square matrix with 1s on the diagonal and 0s elsewhere

11 For [[a, b], [c, d]], this number is ad – bc

12 The main ___ runs from top left to bottom right

13 A matrix whose entries are all 0

14 A^{-1}, where $A \times A^{-1} = I$

DOWN ↓

2 A rectangular array of numbers in rows and columns

3 Each single number in a matrix (also called an element)

4 A ___ matrix holds the numbers in front of the variables

6 An ___ matrix includes the constants column of a system

7 A 2 × 3 matrix has these: 2 rows by 3 columns

9 A quantity with both size and direction, often written as a matrix

10 A matrix with the same number of rows and columns

15 A horizontal line of entries in a matrix

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