

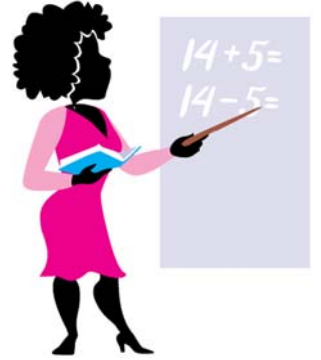
Name _____

Math Word Search

Linear Algebra Clue Based Word Search

Directions: Find the words in the puzzle based on clues below.

N I E I N C S E P Z G P B A F H D L F E
O N T U L F O H M S J O S I G M I E Q H
N P R A A P S M D Q W H W T R M A X L Q
W S A W Z T F Q Z V B G Y O I O G W P A
X Q N E O Y C Z B X L F T W P C O S V W
Q Q S M N U L L S P A C E T H U N I J J
A T F R F E I H L H E R M I T I A N G T
O G O G B X P X X V V U L D G Y L G L B
R O R T H O G O N A L I T Y Y K I U V S
D H M V O E L E T W P E U P E V Z L O O
Q O A S W W G K Z P Y W N U S U A A D Q
I B B K B I K Z L N S E L D A G B R P R
Q N L K E K T R I D I A G O N A L I O W
L C E G N Z H D R W V R Q T Z T E T Y V
T E T D P E B Z S N T J T Z H J C I D H
Y S O B N L U H E H O W B K D A G E H U
X I R H G G B G H V G X K S F P I S N M
B B K T F T I Z W H P F X O H P D L F J
A M Z R L E M U S F W W C P Z O O Y C F
X A R P R L Z Q W J N Q U Y N F H B M K



- A non-zero vector that maintains its direction after a particular matrix operation.
- A scalar that scales a vector when it undergoes a specific matrix transformation.
- A property describing the perpendicularity of two elements in a given space.
- A characteristic of a matrix indicating it can be expressed in a simplified form using a specific transformation.
- A matrix property ensuring symmetry under a conjugate transpose operation.
- Points or cases where a matrix or transformation fails to behave normally, often leading to undefined results.
- A descriptor for an object or structure that can undergo a change in representation within a defined system.
- A structure where only the central and adjacent diagonal elements contain non-zero entries.
- The collection of all vectors that, when acted upon by a specific matrix, result in the zero vector.
- A value derived from a smaller component of a matrix, used in determinant calculations and other operations.

