

Answer on Question #55840 – Math – Linear Algebra

Question 1. A is a rectangular array of numbers that are enclosed within a bracket .

horizontal

set

vertical

matrix

Answer: matrix

Question 2. When the numbers of rows is equal to the numbers of columns equal to 'n'. Where $m=n$. Then is called.....

a square matrix

a column

a row

a matrix

Answer: a square matrix

Question 3. What is this matrix called :

[0000]

diagonal matrix

proper matrix

zero matrix

square matrix

Answer: zero matrix

Question 4. What is another name given to an identity matrix

unit matrix

diagonal matrix

special matrix

triangular matrix

Answer: unit matrix

Question 5. Let A be a

$n \times n$

square matrix . A is a symmetric matrix if A equal to

A^T

B

C

B^T

Answer: A^T (A^T , transposed matrix).