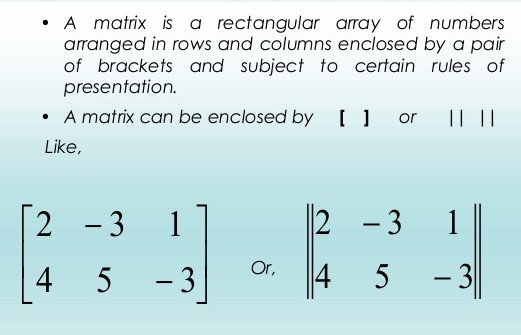
**MATHEMATICS**

**GRADE 10: LECTURE 1**

**MATRICES**

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1. What is a Matrix?

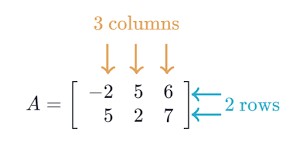


The elements in a matrix may consist of numbers, letters, fractions or decimals.

Other examples of matrices:

Important definitions

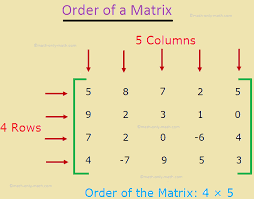
* Row is moving from left to right or horizontal movement.
* Column is moving up and down or vertical movement.

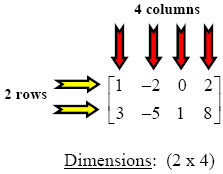


*For example*: -2 is in row 1 and column 1, 2 is in row 2 and column 2, 6 is in row 1 and column 3

1. What is the order of a matrix?

The order of a matrix is rows times columns or rows by columns.

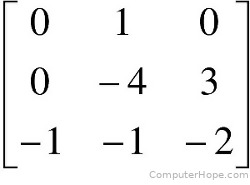




1. What are the types of Matrices?

Some types of matrix include:

* Square Matrix: in this type of matrix the number of rows is equal to the number of columns.



* Null matrix: all the elements in this type of matrix are 0 s.

* Row matrix: This type of matrix **ONLY** consists of one row.

or or or

* Column Matrix: This type of matrix consists of **ONLY** one column.

or or or