

NAMA :

KELAS :

BAB
CHAPTER

2

MATRIKS
MATRICES

A. KONSEP ASAS MATRIKS
CONCEPT OF MATRIX

$$A = \begin{pmatrix} -1 & 4 \\ 2 & -5 \\ 3 & 6 \end{pmatrix}$$

1. Nyatakan :

State :

a) bilangan baris = <i>number of row</i>	b) bilangan lajur = <i>number of column</i>	c) peringkat matrik = <i>order of matrix</i>
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2. Nyatakan unsur bagi

State the element of

a) $A_{32} =$	b) $A_{11} =$	c) $A_{12} =$
d) $A_{31} =$	e) $A_{22} =$	f) $A_{21} =$

3. Lengkapkan jadual di bawah

Complete the table below

Matrik <i>Matrix</i>	Bilangan baris <i>Number of row</i>	Bilangan lajur <i>Number of column</i>	Peringkat <i>order</i>	Unsur bagi <i>Element of</i>
$A = \begin{pmatrix} 2 & 1 \\ 3 & -7 \end{pmatrix}$				$A_{12} =$
$B = \begin{pmatrix} 0 \\ 4 \end{pmatrix}$				$B_{21} =$
$C = \begin{pmatrix} 1 & 8 & -2 \end{pmatrix}$				$C_{13} =$
$D = \begin{pmatrix} 7 & -4 & 3 \\ -1 & 8 & 5 \end{pmatrix}$				$D_{22} =$
$E = \begin{pmatrix} 1 & -5 & 4 \\ -2 & 3 & 8 \\ 6 & 7 & -9 \end{pmatrix}$				$E_{31} =$