LKPD
Lembar Kerja Peserta Didik

Nama :	Matematika (Matriks)	Kelas:

Perhatikan video berikut:

1. Mencari kata

   Carilah kata berikut: matriks, matematika, skalar, kesamaan, penjumlahan, pengurangan

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

LIVEWORKSHEETS

2. $Jika\ A = \begin{bmatrix} 3 & 1 & 4 \\ 5 & -2 & 7 \\ 1 & 4 & -3 \end{bmatrix}, dan\ B = \begin{bmatrix} 2 & 4 & 1 \\ 4 & 1 & 3 \\ 6 & -2 & 5 \end{bmatrix}$ tentukan :

a. $2A =$ $\begin{bmatrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \end{bmatrix}$

b. $3B =$ $\begin{bmatrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \end{bmatrix}$

c. $2(A + B) =$ $\begin{bmatrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \end{bmatrix}$

d. $3\ (A - B) =$ $\begin{bmatrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \end{bmatrix}$

LIVEWORKSHEETS

3. $\begin{bmatrix} a+2 & 6 & 3 \\ -4 & 2 & b+a \\ 4 & c-b & -7 \end{bmatrix} + \begin{bmatrix} 2 & d-a & e \\ 8 & 10 & 5 \\ f-4 & 8 & g+a \end{bmatrix} = \begin{bmatrix} 8 & 7 & a-3 \\ 4 & 12 & 10 \\ 6 & 10 & 5 \end{bmatrix}$

- $\boldsymbol{a} =$ $\boldsymbol{d} =$ $\boldsymbol{g} =$
- $\boldsymbol{b} =$ $\boldsymbol{e} =$
- $\boldsymbol{c} =$ $\boldsymbol{f} =$

4. $\boldsymbol{a + 2b - 4c + d - 2e + f - g =}$

a. 1 *d.* 10

b. 4 *e.* 11

c. 7

SELAMAT MENGERJAKAN

LIVEWORKSHEETS