

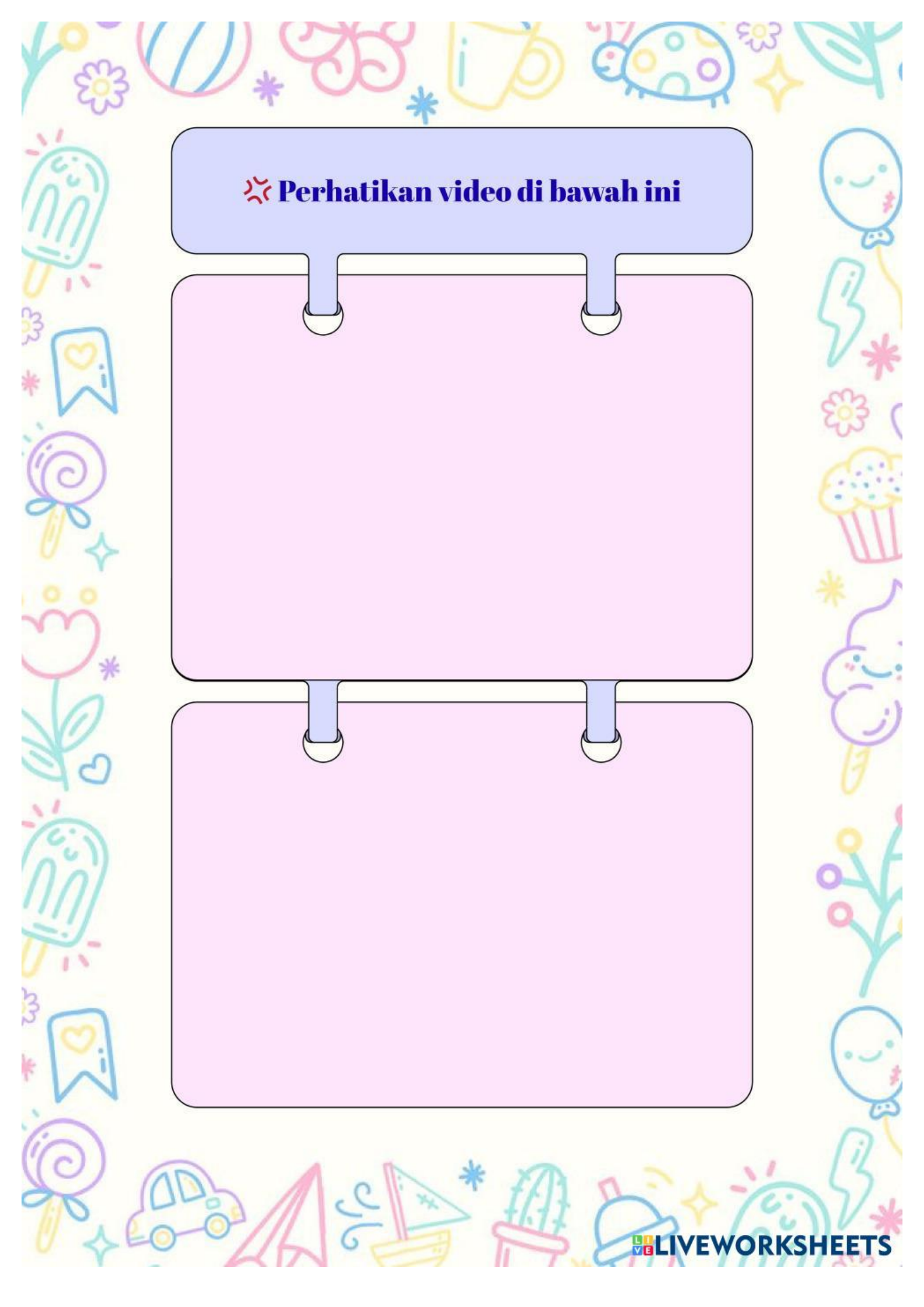
The background is a light cream color with a pattern of small, faint flowers and leaves. Large, stylized, colorful flowers and clouds are scattered around the edges. The title 'OPERASI MATRIKS' is written in large, bold, colorful letters with a 3D effect. A small purple flower icon is to the right of the word 'MATRIKS'.

OPERASI MATRIKS

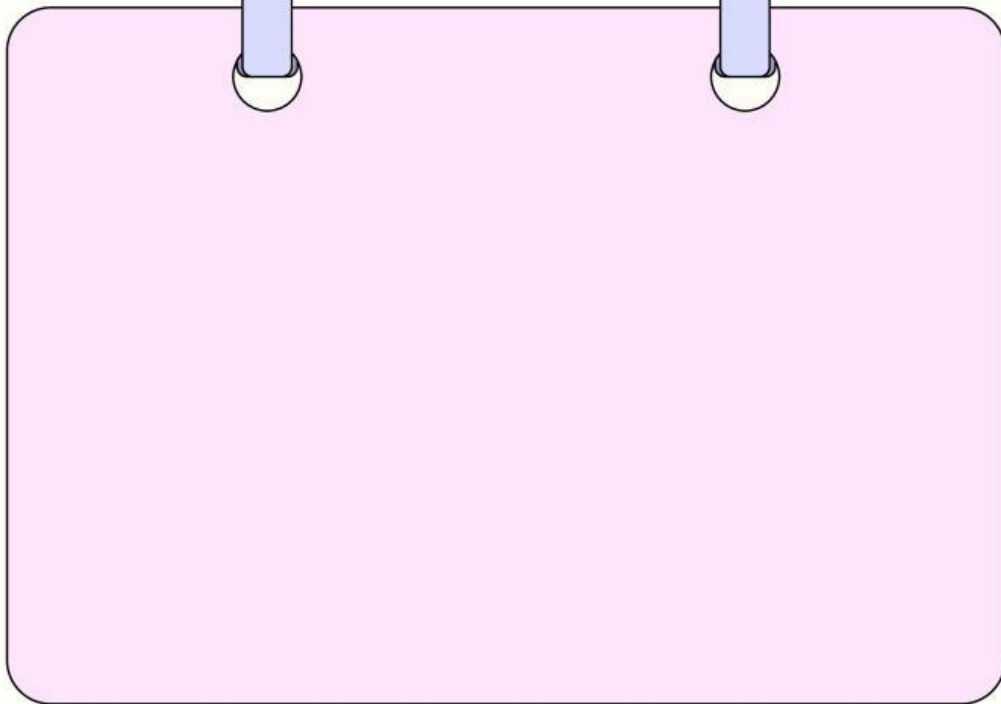
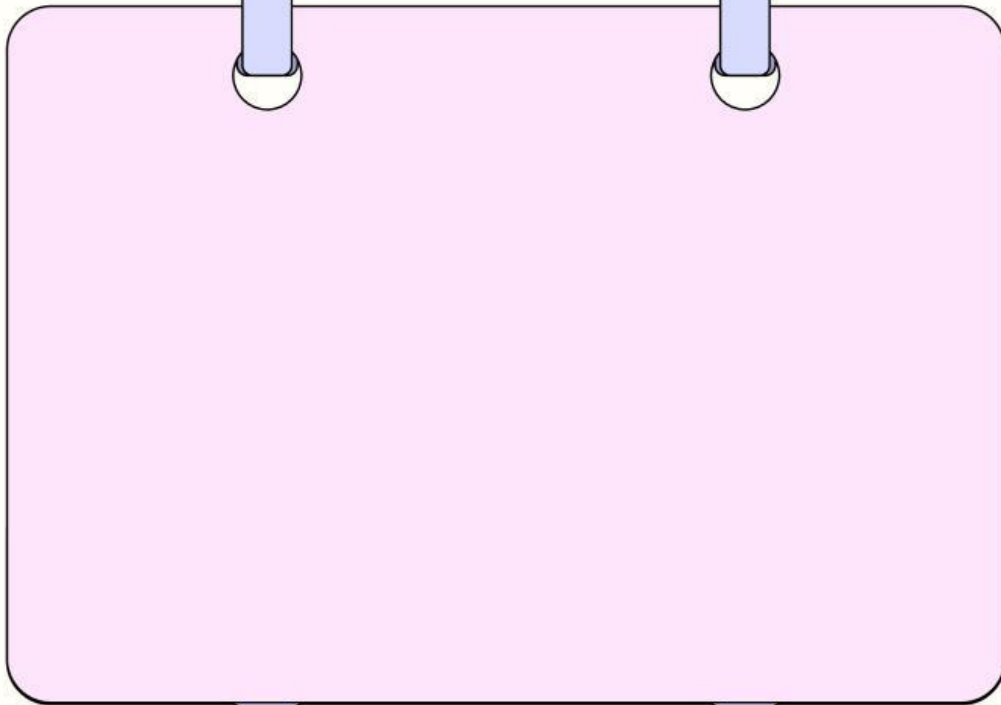
A small blue flower icon with a yellow center and a white outline, positioned to the left of the text box.

Nama :

Kelas :



❗ **Perhatikan video di bawah ini**



Pilihlah jawaban yang benar!

$$\begin{bmatrix} 4 & 8 \\ 7 & 6 \end{bmatrix} + \begin{bmatrix} 7 & 3 \\ 9 & -5 \end{bmatrix}$$

☐ $\begin{bmatrix} 11 & 11 \\ 16 & 1 \end{bmatrix}$

☐ $\begin{bmatrix} -11 & 7 \\ 2 & 10 \end{bmatrix}$

☒ $\begin{bmatrix} -1 & 7 \\ 2 & 10 \end{bmatrix}$

$$\begin{bmatrix} -5 & 9 \\ 3 & 7 \end{bmatrix} - \begin{bmatrix} 6 & 2 \\ 1 & -3 \end{bmatrix}$$

☐ $\begin{bmatrix} 11 & 11 \\ 16 & 1 \end{bmatrix}$

☐ $\begin{bmatrix} -1 & 7 \\ 2 & 10 \end{bmatrix}$

☒ $\begin{bmatrix} -11 & 7 \\ 2 & 10 \end{bmatrix}$

A $\begin{bmatrix} 7 & -6 & -3 \\ 5 & 1 & 9 \\ 3 & 1 & 8 \end{bmatrix}$

B $\begin{bmatrix} 9 & 5 & 1 \\ -9 & 7 & 8 \\ 3 & 4 & 2 \end{bmatrix}$

A × B =

☐ $\begin{bmatrix} 108 & -19 & -47 \\ -9 & 28 & 23 \\ 42 & 54 & 27 \end{bmatrix}$

☒ $\begin{bmatrix} 108 & -19 & -47 \\ 63 & 68 & 31 \\ 42 & 54 & 27 \end{bmatrix}$

Tarik garis soal berikut ke jawaban yang benar!

$$\begin{bmatrix} 2 & 6 \\ 1 & 0 \end{bmatrix} \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

$$\begin{bmatrix} -5 \\ -6 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \begin{bmatrix} 2 & 6 \\ 1 & 0 \end{bmatrix}$$

$$[6]$$

$$\begin{bmatrix} 2 & 6 \\ 1 & 0 \end{bmatrix} \begin{bmatrix} 3 & 1 \\ 0 & -1 \end{bmatrix}$$

$$\begin{bmatrix} 2 & 6 \\ 1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 3 & 1 \\ 0 & -1 \end{bmatrix} \begin{bmatrix} 2 & 6 \\ 1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 7 & 18 \\ -1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 0 & 5 & -2 \\ -3 & 0 & 1 \end{bmatrix} \begin{bmatrix} 2 \\ -1 \\ 0 \end{bmatrix}$$

$$\begin{bmatrix} 2 & 6 \\ 1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 0 & -1 \end{bmatrix} \begin{bmatrix} 5 \\ 1 \\ -1 \end{bmatrix}$$

$$\begin{bmatrix} 6 & -4 \\ 3 & 1 \end{bmatrix}$$

Kotak A berisi 5 pensil, 3 spidol dan 2 penghapus.
Kotak B berisi 4 pensil, 4 spidol, dan 1 penghapus.
Jika semua isi kotak A dan B dipindahkan ke kotak C yang masih kosong, maka berapa isinya nanti?

A (... ...) B (... ...)

Ditanya: C ??

=>

$$C = A + B$$

$$C = (... ...) + (... ...)$$

$$C = (... + ... + ... + ... + ...)$$

$$C = (... ...)$$

Isilah titik-titik di bawah ini!

$$\begin{bmatrix} 2x & 5 \\ 2 & -1 \end{bmatrix} + \begin{bmatrix} y & 3 \\ 3x & -7 \end{bmatrix} = \begin{bmatrix} -2 & 8 \\ 5 & -8 \end{bmatrix}$$

$$\begin{bmatrix} \dots + \dots & \dots \\ \dots + \dots & \dots \end{bmatrix} = \begin{bmatrix} -2 & 8 \\ 5 & -8 \end{bmatrix}$$

1) $\dots + \dots x = \dots$
 $\dots x = \dots$
 $x = \dots$

2) $\dots x + y = \dots$
 $\dots + y = \dots$
 $y = \dots$

