

NAMA :

MAPEL : Matematika (3.5)

KELAS : 8

MATERI: SPLDV

TANGGAL :1443 H

NILAI :

:Maret 2022

Ucapkanlah basmalah dan doa! Semoga Allah Azza wa Jalla memudahkanmu dalam menjawab soal.

1. Carilah nilai x dan y dengan menggunakan metode eliminasi

Eliminasi nilai y terlebih dahulu.

$$x + y = 2 \quad \left| \begin{array}{l} x \dots\dots \\ x \dots\dots \end{array} \right. \Rightarrow \dots\dots x + \dots\dots y = \dots\dots$$

$$3x + y = 6 \quad \left| \begin{array}{l} x \dots\dots \\ x \dots\dots \end{array} \right. \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \dots\dots$$

$$\dots\dots x = \dots\dots$$

$$x = \dots\dots$$

Eliminasi nilai x

$$x + y = 2 \quad \left| \begin{array}{l} x \dots\dots \\ x \dots\dots \end{array} \right. \Rightarrow \dots\dots x + \dots\dots y = \dots\dots$$

$$3x + y = 6 \quad \left| \begin{array}{l} x \dots\dots \\ x \dots\dots \end{array} \right. \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \dots\dots$$

$$\dots\dots y = \dots\dots$$

$$y = \dots\dots$$

Himpunan penyelesaiannya HP {.....,}

2. Carilah nilai x dan y dengan menggunakan metode eliminasi

Eliminasi nilai y terlebih dahulu.

$$x - y = 1 \quad \left| \begin{array}{l} x \dots\dots \\ x \dots\dots \end{array} \right. \Rightarrow \dots\dots x + \dots\dots y = \dots\dots$$

$$3x - y = 6 \quad \left| \begin{array}{l} x \dots\dots \\ x \dots\dots \end{array} \right. \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \dots\dots$$

$$\dots\dots x = \dots\dots$$

$$x = \dots\dots$$

Eliminasi nilai x

$$\begin{array}{rcl} x - y = 1 & | \times 2 & \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \\ 3x - y = 6 & | \times 1 & \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \end{array}$$

$$\dots\dots y = \dots\dots$$
$$y = \dots\dots$$

Himpunan penyelesaiannya HP {.....,

3. Carilah nilai x dan y dengan menggunakan metode eliminasi

Eliminasi nilai y terlebih dahulu.

$$\begin{array}{rcl} 3x + y = 7 & | \times 4 & \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \\ x + 4y = 6 & | \times 1 & \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \end{array}$$

$$\dots\dots x = \dots\dots$$
$$x = \dots\dots$$

Eliminasi nilai x

$$\begin{array}{rcl} 3x + y = 7 & | \times 1 & \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \\ x + 4y = 6 & | \times 3 & \Rightarrow \dots\dots x + \dots\dots y = \dots\dots \end{array}$$

$$\dots\dots y = \dots\dots$$
$$y = \dots\dots$$

Himpunan penyelesaiannya HP {.....,

Pesan / Nasihat :

Ikatlah Ilmu dengan tulisan