

ASESMEN FORMATIF

Nama

Kelas

Tentukan penyelesaian SPLDV berikut dengan cara eliminasi!

$$\begin{aligned} 1. \quad x + y &= 8 \\ x - y &= 2 \end{aligned}$$

$$\begin{aligned} 2. \quad 2x + y &= 7 \\ 3x - 2y &= 7 \end{aligned}$$

Jawab:

1. Eliminasi y

$$\begin{array}{r} x + y = 8 \\ x - y = 2 \\ \hline + \\ \hline \end{array}$$

=

$$x = \text{---}$$

$$x =$$

Eliminasi x

$$\begin{array}{r} x + y = 8 \\ x - y = 2 \\ \hline - \\ \hline \end{array}$$

=

$$y = \text{---}$$

$$y =$$

Jadi, penyelesaiannya $x =$ dan $y =$

2. Eliminasi y

$$\begin{array}{r} 2x + y = 7 \quad | \quad x \\ 3x - 2y = 7 \quad | \quad x \\ \hline + \\ \hline \end{array}$$

=

$$x = \text{---}$$

$$x =$$

Eliminasi x

$$\begin{array}{r} 2x + y = 7 \quad | \quad x \\ 3x - 2y = 7 \quad | \quad x \\ \hline - \\ \hline \end{array}$$

y =

$$y = \text{---}$$

$$y =$$

Jadi, penyelesaiannya $x =$ dan $y =$