

LEMBAR KERJA

Nama Kelompok

Anggota

Tentukan penyelesaian SPLDV berikut dengan cara eliminasi!

1. $x + y = 10$
 $x - y = 2$

2. $3x + y = 10$
 $2x - 3y = 3$

Jawab:

1. Eliminasi y

$$\begin{array}{r} x + y = 10 \\ x - y = 2 \\ \hline \end{array} +$$

=

$x = \text{---}$

$x =$

Eliminasi x

$$\begin{array}{r} x + y = 10 \\ x - y = 2 \\ \hline \end{array} -$$

=

$y = \text{---}$

$y =$

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

2. Eliminasi y

$$\begin{array}{r} 3x + y = 10 \\ 2x - 3y = 3 \end{array} \begin{array}{l} |x \\ |x \end{array} \begin{array}{l} x + y = \\ x - y = \end{array} +$$

=

$x = \text{---}$

$x =$

Eliminasi x

$$\begin{array}{r} 3x + y = 10 \\ 2x - 3y = 3 \end{array} \begin{array}{l} |x \\ |x \end{array} \begin{array}{l} x + y = \\ x - y = \end{array} -$$

=

$y = \text{---}$

$y =$

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