

1. Selesaikan persamaan linear serentak dengan kaedah penghapusan.

a. $4x + 3y = 8$
 $x - 3y = 2$

penyelesaian:

$$4x + 3y = 8 \text{-----} (1)$$

$$x - 3y = 2 \text{-----} (2)$$

$$(1) + (2), \quad 5x =$$

$$x =$$

Dari (1)

$$4() + 3y = 8$$

$$+ 3y = 8$$

$$3y = 8$$

$$3y =$$

$$y =$$

Maka , $x =$ dan $y =$

$$\begin{aligned} \text{b. } 8x + 3y &= -4 \\ 5x + 2y &= 6 \end{aligned}$$

penyelesaian:

$$8x + 3y = -4 \text{-----(1)}$$

$$5x + 2y = 6 \text{-----(2)}$$

$$(1) \times 2, \quad \text{-----}(3)$$

$$(2) \times 3, \quad \text{-----}(4)$$

$$(3)-(4),$$

Dari (1),

$$8 (\quad) + 3y = -4$$

$$+ 3y = -4$$

$$3y = -4$$

$$3y =$$

$$y =$$

maka, $x =$ dan $y =$