

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)

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

$$+ 3y = 8$$

$$3y = 8$$

$$3y =$$

$$y =$$

Maka, $x =$ dan $y =$

b. $8x + 3y = -4$
 $5x + 2y = 6$

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 $y =$