a.
$x + y = 112000$
b.
$7.7\,x + 5.1\,y = 611000$

c.
derterminant metoden
$x + y = 112000$
$7.7\,x + 51.1\,y = 611000$
$$\frac{112000 \cdot 5.1 - 611000 \cdot 1}{1 \cdot 5.1 - 7.7 \cdot 1}$$

$$15307.69231 \quad (1)$$

$$15307.69231 + y = 112000 \xrightarrow{\text{solve } 15307.69231\text{C y = } 112000}$$

$$[[y = 96692.30769]] \quad (2)$$

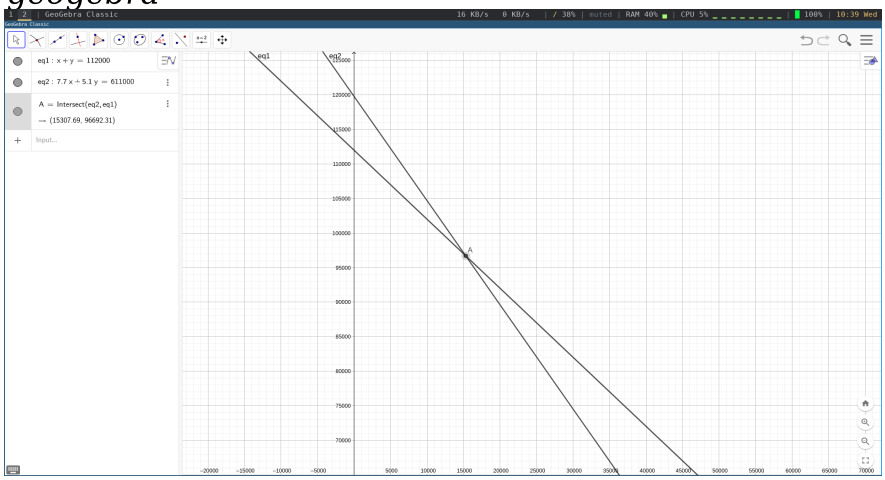
$$15307.69231 + 96692.30769$$

$$112000.0000 \quad (3)$$

maple
$l1 := x + y = 112000:$
$l2 := 7.7\,x + 5.1\,y = 611000:$
$solve(\{l1, l2\})$

$$\{x = 15307.69231, y = 96692.30769\} \quad (4)$$

geogebra



substitions metoden
x=112000-y
$7.7(112000 - y) + 5.1\,y = 611000$
$y = 96692.30769$
$x + 96692.30769 = 112000$
$x = 15307.69231$

lige store koeficienter metode

a

$x + y = 112000$

b

$7.7\,x + 5.1\,y = 611000$

$5.1(x + y) = 112000$

$1(7.7 + 5.1\,y) = 611000$

$5.1\,x + 5.1\,y - (7.7\,x + 5.1\,y) = 112000 - 611000$

$-2.6\,x = -499000$ $\xrightarrow{\text{solve -2.6*x = -499000}}$

$[[x = 191923.0769]]$ **(5)**