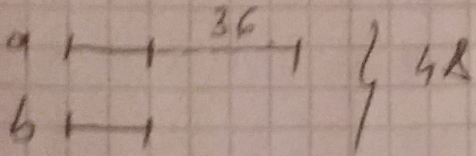


Probleme care se rezolvă prin metoda grafică

1. $a + b = 48$
 $a = 36 + b$



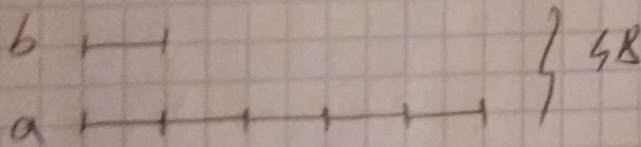
$48 - 36 = 12$ (2 segmente egale)

$12 : 2 = 6$ (b)

$6 + 36 = 42$ (a)

R: 6; 42

2. $a + b = 48$
 $a = b \times 5$



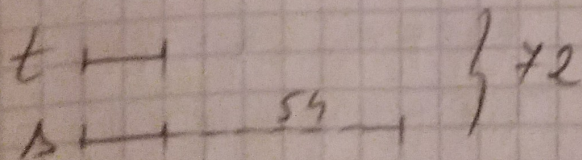
$48 : 6 = 8$ (b)

$8 \times 5 = 40$ (a)

R: 8; 40

3. $\Delta + t = 72$
 $\Delta = 54 + t$

$\Delta = \text{salcâmi}$
 $t = \text{tei}$



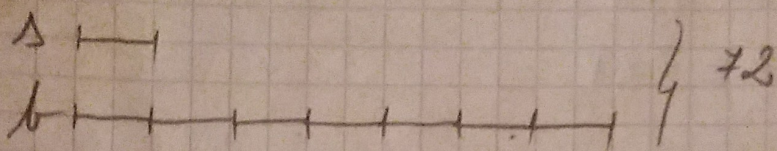
$72 - 54 = 18$ (2 segmente egale)

$18 : 2 = 9$ (tei)

$9 + 54 = 63$ (salcâmi)

R: 9 tei; 63 salcâmi

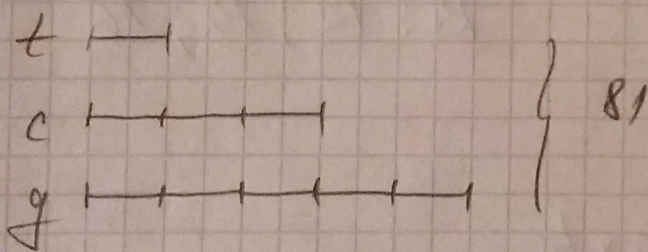
4. $\Delta + b = 72$ puieti $\Delta = \text{stejari}$
 $b = 7 \times \Delta$ $b = \text{brazi}$



$72 : 8 = 9$ (stejari)
 $9 \times 7 = 63$ (brazi)

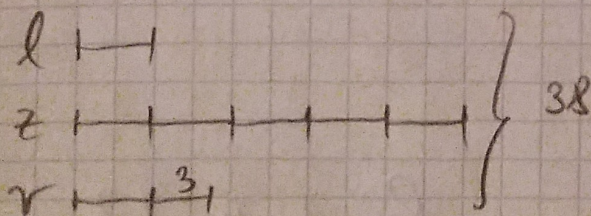
R: 9 stejari, 63 brazi

5. $t + c + g = 81$ $t = \text{trandafiri}$
 $t = c : 3 \Rightarrow c = t \times 3$ $c = \text{crini}$
 $g = 5 \times t$ $g = \text{garoafe}$



$81 : 9 = 9$ (trandafiri)
 $9 \times 3 = 27$ (crini)
 $9 \times 5 = 45$ (garoafe)

6. $l + z + r = 38$ $l = \text{lalele}$
 $z = 5 \times l$ $z = \text{zambile}$
 $r = 3 \times l$ $r = \text{viorele}$



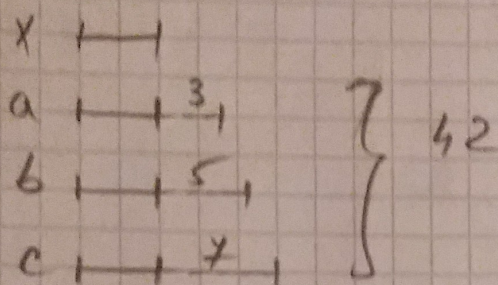
$38 - 3 = 35$ (\neq segmente egale)
 $35 : 7 = 5$ (lalele)
 $5 \times 5 = 25$ (zambile)
 $5 \times 3 = 15$ (viorele)

7. $a + b + c = 42$ a, b, c - nr. necumoscute

$a - x = 3 \Rightarrow a = 3 + x$ x = nr. scizut

$b - x = 5 \Rightarrow b = 5 + x$

$c - x = 7 \Rightarrow c = 7 + x$



$42 - 3 - 5 - 7 = 39 - 5 - 7 = 34 - 7 = 27$ (3 seg egale)

$27 : 3 = 9$ (un segment)

$9 + 3 = 12$ (a)

$9 + 5 = 14$ (b)

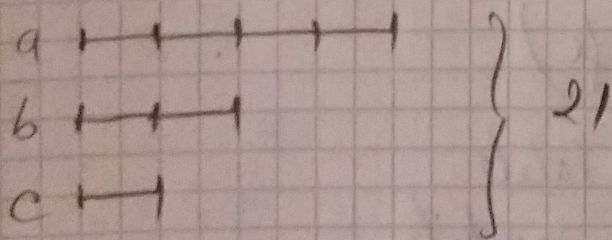
$9 + 7 = 16$ (c)

R: 12; 14; 16

8. $a + b + c = 21$

$b = a : 2 \Rightarrow a = 2 \times b$

$c = a : 4 \Rightarrow a = 4 \times c$



$21 : 7 = 3$ (c)

$3 \times 2 = 6$ (b)

$4 \times 3 = 12$ (a)

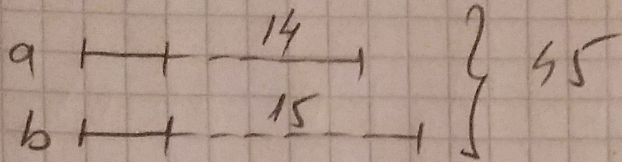
R: 3; 6; 12

$$9. \quad a + b = 45$$

$$a - x = 14 \Rightarrow a = 14 + x$$

$$b - x = 15 \Rightarrow b = 15 + x$$

x |—|



x = nr. scăzut

$$45 - 14 - 15 = 31 - 15 = 16 \quad (2 \text{ segmente egale})$$

$$16 : 2 = 8 \quad (\text{un segment})$$

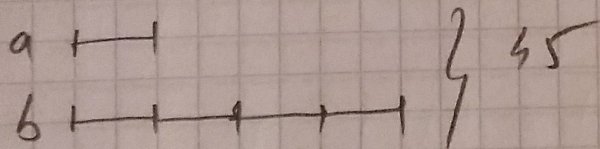
$$8 + 14 = 22 \quad (a)$$

$$8 + 15 = 23 \quad (b)$$

R: 22; 23

$$10. \quad a + b = 45$$

$$b = 4 \times a$$



$$45 : 5 = 9 \quad (a)$$

$$9 \times 4 = 36 \quad (b)$$

R: 9; 36