

# Testul 5

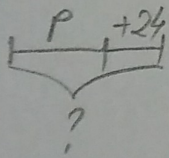
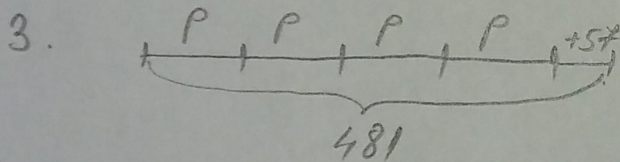
1. a)  $x - 56\,283 = 8017$   
 $x = 56\,283 + 8017$   
 $x = 64\,300$

b)  $x : 473 = 804$   
 $x = 804 \cdot 473$   
 $x = 380\,292$

2.

5t hârtie	-----	85 copaci
3t hârtie	-----	? copaci
1t hârtie	-----	$85 : 5 = 17$ copaci
3t hârtie	-----	$17 \cdot 3 = 51$ copaci

R: 51 copaci



$481 - 57 = 424$  (4P)  
 $424 : 4 = 106$  (1P)  
 $106 + 24 = 130$

R: 130.



$$4. \quad 51\,002 - (14\,112 : 28 + x) \cdot 63 = 224$$

$$(14\,112 : 28 + x) \cdot 63 = 51\,002 - 224$$

$$(504 + x) \cdot 63 = 50\,778 \quad | : 63$$

$$504 + x = 806$$

$$x = 806 - 504$$

$$x = 302$$

$$5. \quad \left. \begin{array}{l} 59 \text{ capete} \\ \left\{ \begin{array}{l} 2 \text{ picioare (găini + curci)} \\ 4 \text{ picioare (iepure)} \end{array} \right\} 130 \text{ picioare} \end{array} \right\}$$

$$g = 17 + c$$

$$\begin{array}{l} g = \text{găini} \\ c = \text{curci} \end{array}$$

Presupunem că toate capetele au 2 picioare.

$$59 \cdot 2 = 118 \text{ picioare}$$

$$130 - 118 = 12 \text{ picioare (diferența picioare)}$$

$$4 - 2 = 2 \text{ picioare (restul picioarelor până la 4)}$$

$$12 : 2 = 6 \text{ iepuri}$$

$$59 - 6 = 53 \text{ (găini + curci)}$$

$$g + c = 53$$

$$g = 17 + c$$

$$\left. \begin{array}{l} c \quad | \quad p \\ g \quad | \quad p \quad | \quad 17 \end{array} \right\} 53$$

$$53 - 17 = 36 \text{ (2p)}$$

$$36 : 2 = 18 \text{ (1p) (curci)}$$

$$18 + 17 = 35 \text{ (găini)}$$

R: 6 iepuri; 18 curci; 35 găini