

Testul 3

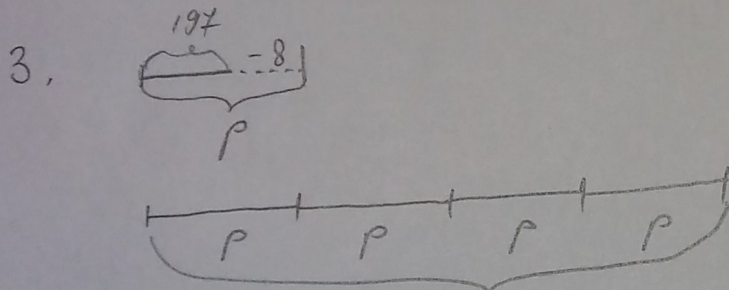
1. a) $x - 28\ 019 = 8\ 975$
 $x = 28\ 019 + 8\ 975$
 $x = 36\ 994$

b) $x : 74 = 30\ 192$
 $x = 30\ 192 \cdot 74$
 $x = 2\ 234\ 208$

2. 3 muncitori ----- 10 zile
 5 muncitori ----- ? zile

1 muncitor ----- $10 \cdot 3 = 30$ zile
 5 muncitori ----- $30 : 5 = 6$ zile

R: 6 zile



$p - 8 = 197$?
 $p = 197 + 8$
 $p = 205$
 $205 \cdot 4 = 820$ (4p)

R: 820.

$$4. \quad 19\,000 - 7 \cdot (x + 27^{30} : 27^{28}) = 219$$

$$7 \cdot (x + 27^{30-28}) = 19\,000 - 219$$

$$7 \cdot (x + 27^2) = 18\,781 \quad | : 7$$

$$x + 729 = 2\,683$$

$$x = 2\,683 - 729$$

$$x = 1\,954$$

5.

4 Kg ardei	-----	5 Kg stuguri	-----	81 lei	1.6
6 Kg ardei	-----	7 Kg stuguri	-----	115 lei	1.4
<hr/>					
2 Kg ardei	-----	3 Kg stuguri	-----	?	lei
<hr/>					
24 Kg ardei	-----	30 Kg stuguri	-----	486 lei	
24 Kg ardei	-----	28 Kg stuguri	-----	460 lei	
<hr/>					
/	-----	2 Kg stuguri	-----	26 lei	

$$26 : 2 = 13 \text{ lei (1 Kg stuguri)}$$

$$13 \cdot 5 = 65 \text{ lei (5 Kg stuguri)}$$

$$4 \text{ Kg ardei} \text{ ----- } 65 \text{ lei} \text{ ----- } 81 \text{ lei}$$

$$81 - 65 = 16 \text{ lei (4 Kg ardei)}$$

$$16 : 4 = 4 \text{ lei (1 Kg ardei)}$$

$$2 \cdot 4 = 8 \text{ lei (2 Kg ardei)}$$

$$3 \cdot 13 = 39 \text{ lei (3 Kg stuguri)}$$

$$8 + 39 = 47 \text{ lei (2 Kg ardei si 3 Kg stuguri)}$$

R: 47 lei