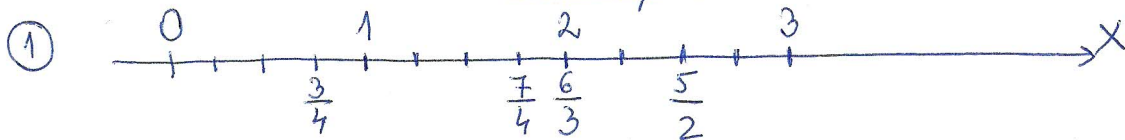


## Soluții



②  $\frac{13}{6} = 2,1(6) \Rightarrow \text{Suma} = 1 + \underbrace{6+6+\dots+6}_{\text{de } 99 \text{ ori}} = 595$

③  $a = 1,69 + 0,49 = 2,18$  ;  $b = 0,257 + 16,5 = 16,757$   
 $\Rightarrow M_a = (a+b) : 2 = 18,937 : 2 = 9,4685$

④  $(x+y) : 2 = 5,2 \Rightarrow x+y = 10,4$   
 $(z+t) : 2 = 7,3 \Rightarrow z+t = 14,6$   $\Rightarrow M_a = (x+y+z+t) : 4 =$   
 $= (10,4 + 14,6) : 4 =$   
 $= 25,0 : 4 = 6,25$

⑤  $2,3 + 6,8 + 1,3 - 0,57 + 872 : 25 + 2,3 = \underline{10,7} - 0,57 + \underline{34,88} +$   
 $\underline{2,3} = 9,83 + 37,18 = 47,01$

⑥  $3 \cdot (x + 2,88) = 17,62 - 1,945 \Rightarrow 3 \cdot (x + 2,88) = 15,675$   
 $\Rightarrow x + 2,88 = 5,225 \Rightarrow x = 5,225 - 2,88 = 2,345$

⑦  $\frac{2}{7} \cdot 28 = \frac{84}{7} = 12$  (elevi nu pot veni)  
 $28 - 12 = 16$  (elevi merg la film)  
 $16 + 1 = 17$  (persoane merg la film)  
 $17 \cdot 15 = \underline{255 \text{ lei}}$

⑧ Notăm cu  $S$  suma.  
 $S - 20\% \cdot S = 128 \Rightarrow S - \frac{20}{100} \cdot S = 128$   
 $\Rightarrow S - \frac{1}{5} \cdot S = 128 \Rightarrow S - S : 5 = 128 \quad | \cdot 5$   
 $\Rightarrow 5S - S = 640 \Rightarrow 4S = 640 \Rightarrow S = 160$

⑨  $\frac{1a-1}{90} + \frac{10a}{9} + \frac{a1-a}{90} = \frac{10+a-1}{90} + \frac{10a}{90} + \frac{10a+1-a}{90}$   
 $= \frac{20a+10}{90} = \frac{10 \cdot (2a+1)}{90} = \frac{2a+1}{9} \in \mathbb{N} \Leftrightarrow$   
 $\Leftrightarrow \begin{matrix} (2a+1) : 9 \\ a \text{ cifră} \end{matrix} \quad \Bigg| \Rightarrow a = 4.$