Efectuați:

$\mathbb{N} \cup \mathbb{R} = \mathbb{R}$

$\mathbb{Q} \cap \mathbb{Z} = \mathbb{Z}$

$\mathbb{N} \setminus \mathbb{Z} = \Phi$

$\mathbb{R} \cap \mathbb{Q} =$

$(\mathbb{R} \setminus \mathbb{Q}) \cap \mathbb{Z} = \Phi$

$\mathbb{Q} \setminus \mathbb{R} = \Phi$

$A \subset B \Rightarrow A \cup B = B$

$A \cap B = A$

$A - B = \Phi$

$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R}$

$\mathbb{I} = \mathbb{R} \setminus \mathbb{Q}$

$(\mathbb{R} \setminus \mathbb{Q}) \subset \mathbb{R}$

$\mathbb{R} = \mathbb{Q} \cup \mathbb{I}$

$A = \{1, 2, 4\}$ $B = \{1, 2, 3, 4\}$

ORDONAȚI CRESCĂTOR

$-\frac{5}{6}; -1; -0,83; \frac{19}{8}; \sqrt{5,64}; \sqrt{30}$

$5 : 6 = 0,83\ldots$ $\quad \frac{5}{6} = 0,8(3)$ $\quad \frac{19}{8} =$

50 / 48 / 20 / 18 / 2

$19 : 8 = 2,375$

16 / 30 / 24 / 60 / 56 / 40

$\sqrt{5,64}$ | 2,374

4 | $43 \cdot 3 = 129$

164 / 129 | $467 \cdot 7 = 3269$

3500 / 3269 / 2310 $\quad 474 \cdot 4 = \ldots$

$\sqrt{30,0000}$ | 5,4

25 | $104 \cdot 4 = \ldots$

500

$0,8(3)$; 1 ; $0,83$; $2,375$; $2,374$; $5,4$

$\frac{5}{6}$ $\quad$ $\frac{14}{8}$ $\quad$ $\sqrt{5,64}$ $\quad$ $\sqrt{30}$

$0,83 < 0,8(3) < 1 < 2,374 < 2,375 < 5,4$

$-1 < -0,8(3) < -0,83 < 2,374 < 2,375 < 5,4$

$-1 < -\frac{5}{6} < -0,83 < \frac{14}{8} < \sqrt{5,64} < \sqrt{30}$

$1 < 3 < 5 \qquad -5 < -3 < -1$

24	2^3	18	2
3	3	9	3^2
1		1	

15/ $\frac{1}{24}$; 6/ $-\frac{5}{6}$; 12/ $\frac{1}{30}$; $-\frac{11}{18}$

$24 = 2^3 \cdot 3 \qquad 30 = 2 \cdot 3 \cdot 5$

$6 = 2 \cdot 3 \qquad 18 = 2 \cdot 3^2$

$\Rightarrow [24, 6, 30, 18] = 2^3 \cdot 3^2 \cdot 5 =$

$= 8 \cdot 9 \cdot 5 = 360$

$\frac{15}{360}$; $\frac{300}{360}$; $\frac{12}{360}$; $\frac{220}{360}$

$\frac{12}{360} < \frac{15}{360} < \frac{220}{360} < \frac{300}{360} \Rightarrow \frac{1}{30} < \frac{1}{24} < \frac{11}{18} < \frac{5}{6} \Rightarrow$

$-\frac{5}{6} < -\frac{11}{18} < \frac{1}{30} < \frac{1}{24}$

$12,3754$

AP. LIPSĂ	AP. ADAOS	TRUNCHIERE
$12,375$	$12,376$	$12,375$
$12,37$	$12,38$	$12,38$

12,3 → 12

12,4 → 13

12,4 → 12

−12,3754

−12,376

−12,38

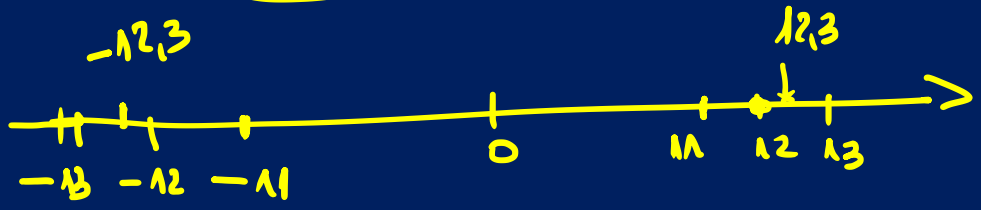
−12,4 → −13

−12,375

−12,37

−12,3 → −12

12,3



T: m 2000 ⇒ T1 ; T2 / Pg 5–6