

$x^2 = -1$   
 $i$   
 $\mathbb{R} \cup \{i\}$   
 $a + b \cdot i$   
 $\uparrow$   
 $\mathbb{R}$

---

$1 + 2 + 3 + \dots + 29 = S$   
 $29 + 28 + 27 + \dots + 1 = S$

---

$30 + 30 + 30 + \dots \quad 30 = 2S$

2 21-9:58

PERMUTACE  
 $6!$   
 $A_1 N_1 A_2 N_2 A_3 S_1$   
 $A_1 N_2 A_3 N_1 A_2 S_1$

$3! \cdot 2!$   
 $\parallel$   
 $6 \cdot 2$

$\frac{6!}{3! \cdot 2! \cdot 1!}$

2 21-11:02

k-CIF  
 $\dots$   
 $\uparrow \uparrow$   
 $99 \dots 9$

$9^5$

2 21-11:22

MAKUP OVOCE  
 A      B      C      P  
 000 | 00 | 00 | 000  
 $10 \times 0$   
 $3 \times 1$

POČET POSL. SLOŽE Z  
 POSL. DELEKAT 13 OBS. 31  
 (A ZBYTKU 0)  $\binom{13}{10} = \binom{13}{3}$

2 21-11:24