CUICENÍ 4. 05.03.2024

ORGANIZAENÍ:

- * ZAONEME HNED MINI-TESTEM. K PREDCHOZÍ LATCE SE VRATÍME, DLE PRÍCEZITOSTI ABYCHOM DRZELI TEMPO SE ZBY TKEM. DAM MATERIACY ONLINE.
- * U Dy PRHMOURIM OCI, ALE NAUCTE SETO! NAGIFIM 1B BA AKTIVITY TEM,

KDO MI & DUY, POSLE "RELATIONE" DOBTE SPORTANE 4 PRIKLADY.

* PODÍVEJTE SE NA OBRAZAY EXPONENCIAL A LOG. BONUS U POTÍSTRY MINI TESTU K DEF. OBORÔM

O, S.L

J



VYRAZ POD SUDOU ODMOCNINOU MUSÍ BYT ZO.

· Výraz v LOGARITMU MUSÍ RYT > Q.

MINITEST (16:15)

NAJOÈTE VÈECHNA REACNA X SPLNUJICI ZADANOU RCI:

$$3^3 \cdot 27 = 81^{3x-5}$$

RESENI:

$$3^3 \cdot 27 = 81$$

$$3^3 \cdot (3^3)^{2 \times -3} = (3^4)^{3 \times -5}$$

$$3+6x-9$$
 $12x-20$ $= 3$

$$= > 6 \times - 6 = 17 \times - 20$$

$$14 = 6x$$
 $x = 14 = 7$
 $6 = 3$

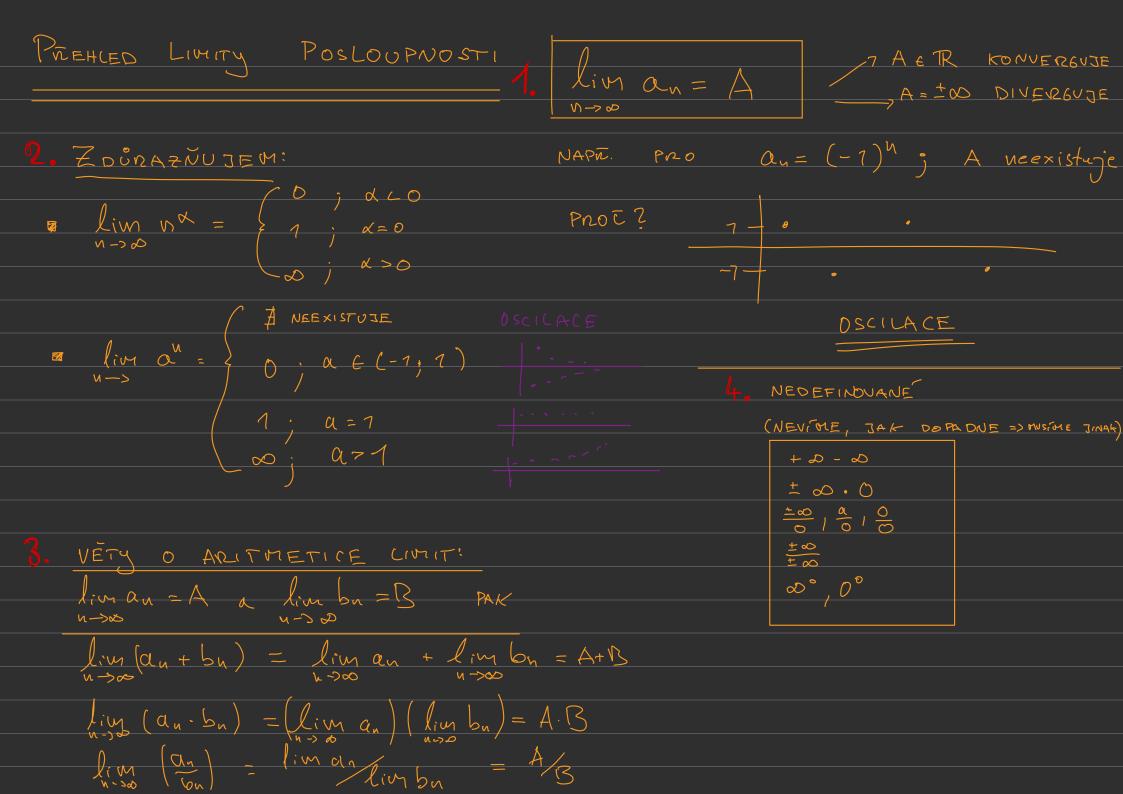
NAJOÈTE VÈECHNA REACNA X SPLNUJICI ZADANOU RCI:

$$log_{10}(x+5) - log_{10}(x-1) = 1 - log_{10} 2$$

RESENÍ

$$\log_{10} \frac{x+5}{x-1} = \log_{10} \frac{10}{2}$$

$$x+5 = 5x-5$$



O. Painy vy POCET:
$$Pal$$
. $lim \left[\frac{3}{4}\right]^{n} + n^{2} + 3n - 1 = ?$

(POKUS)
$$\frac{1}{2}$$
 lim $(-2)^n + 4n^4 - 2n = 2$

FINTA I.

$$\frac{\text{Pr 3.}}{\text{N} \rightarrow \infty} \lim_{N \rightarrow \infty} \frac{N+5}{3N-10} = 2$$

$$\frac{2u^4 - u^3 + 4u^2}{5u^5 + u - 1} = 2$$

$$\frac{P_{r}5.}{n \rightarrow \infty} \frac{(n+2)^{3} - h(n+2)}{(n^{2}+3)(3n-2)} = 2$$

$$\frac{\text{Pr6.}}{\text{N-20}} \frac{\sqrt{N^2 + 4}}{N + 1} = \frac{7}{2}$$

2. FINTA II.

$$\frac{2.5^{N+7}+2^{N}}{100} = 2.5^{N+7}+5^{N} = 2.5^{N+7}+5^{N}$$

$$\frac{P_{r} 8.}{\ln m} \frac{\left(\frac{3}{4}\right)^{N} + \left(\frac{7}{4}\right)^{N+7}}{\left(\frac{3}{2}\right)^{N+7} - \left(\frac{9}{4}\right)^{N+7}}$$

3. FINTA III.

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

Png. lim In
$$(\sqrt{n+2}^{7}-\sqrt{n})=\infty(\infty-\infty)$$