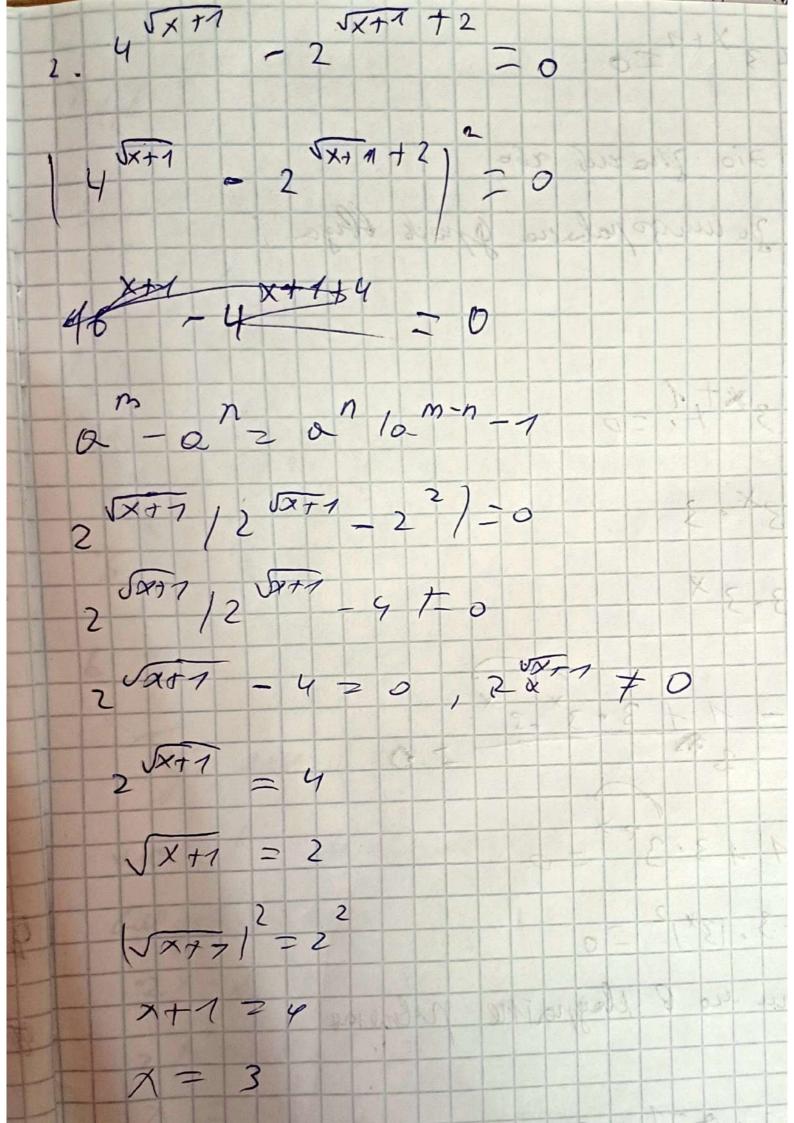
## Mathematics Tasks 11/08/2023

Exporents and radicals 77.00 33=27 · 3 = 81 6; 7<sup>2</sup> < 3<sup>4</sup> - Mohga 2.42=24, Jorg, Kak 42-24=42=(212=42=42) 3. 35 = 13/3 27 930 5 1 7 Q 27.3, 35 > 5<sup>3</sup> 3 2 8 1 . 5 3 2 2. 5 , 5 2 7 5 35.32.3-3 1 X X = X 1+m  $\frac{2}{5}, \frac{2}{28} = 2 = 2 = 2^{\frac{1}{2}} = 8.2 = 16$   $\frac{x}{x^{m}} = x^{n-m} = 0.016e_{1}$ 



2-3-x+3×+1=0 3 Hor Dio Maruh 260 y the ( 30 migopaluero grock bliga; 2-1x+3×+1=0 3 X+1 = 3 X , 3 2-7× +3.3× 2-3× - 1+3·3×.3× 2.3× -1. +3.3° =0 3x, 2-1+3, 13x12=0 Theresborn no & klagnorine promens 3× F Q 3.10/ +2.0-1 =0 30° + 29 = 130 D= 124 + 12

×1,2 = -0±516 = -2+516 =  $-\frac{-2\cancel{1}\cancel{4}}{6} = -\frac{6}{6} = -1; \frac{2}{6} = \frac{1}{3},$ X, X, 22-1; 1/3 Tell Kak 3 herr nacommile und ruce, so  $3^{2} = \frac{1}{3} = 3^{1} \times 2^{-1}$ 6 5 6 2 x - 8 = 1 Tys use boens egy selce no busan uno Sol ren au B cepene ren = 1 Culgobajano: 2x - 8 = 0562.4-8 = \$ , Talilea 56 = 1.

9. 
$$3^{4} \times 4^{4} = \left(\frac{1}{27}\right)^{x-3}$$
  $\frac{1}{3} = 3^{-1}$   $\frac{1}{3} \times 7^{4} = \left(\frac{1}{27}\right)^{x-3} = 0$   $\frac{1}{27} = 3^{-3}$   $\frac{1}{3} \times 7^{4} = \left(\frac{1}{33}\right)^{x-3}$   $\frac{1}{3} \times 7^{3} = 0$   $\frac{1}{27} = 3^{-3}$   $\frac{1}{3} \times 7^{3} = 0$   $\frac{1}{27} = 3^{-3}$   $\frac{1}{3} \times 7^{3} = 0$   $\frac{1}{3} \times 7^{3} =$ 

 $\frac{3}{3} = \frac{1}{27} = \frac{1}{27} = \frac{3}{27} = \frac{5}{27} =$ 

 $X = \begin{bmatrix} 1 & -8 \times +3 \\ 69 & -16 \end{bmatrix}$ 1 purbligeren K. Osuge eeg ocno bours 4<sup>2</sup> = 16, 4<sup>3</sup> = 64, Danene nonyroen;

1 1,3 = 8x+3

= \( \begin{array}{c} 1 \ 2 \ 3 \\ 4 \end{array} = \begin{array}{c} 1 \ 2 \\ 4 \\ \end{array} = \begin{array}{c} 1 \ 2 \\ 2 \\ 4 \\ \end{array} = \begin{array}{c} 1 \ 2 \\ 2 \\ 3 \\ \end{array} = \begin{array}{c} 1 \ 2 \\ 2 \\ 3 \\ \end{array} = \begin{array}{c} 1 \ 2 \\ 2 \\ 3 \\ \ 3 1 - 24x + 9 = (1)14x - 4 9-24X = 14X-4 -24x-14x = -9-4  $-38 \times = \pm -13$  $\times = \pm -38$ X = \frac{73}{38}