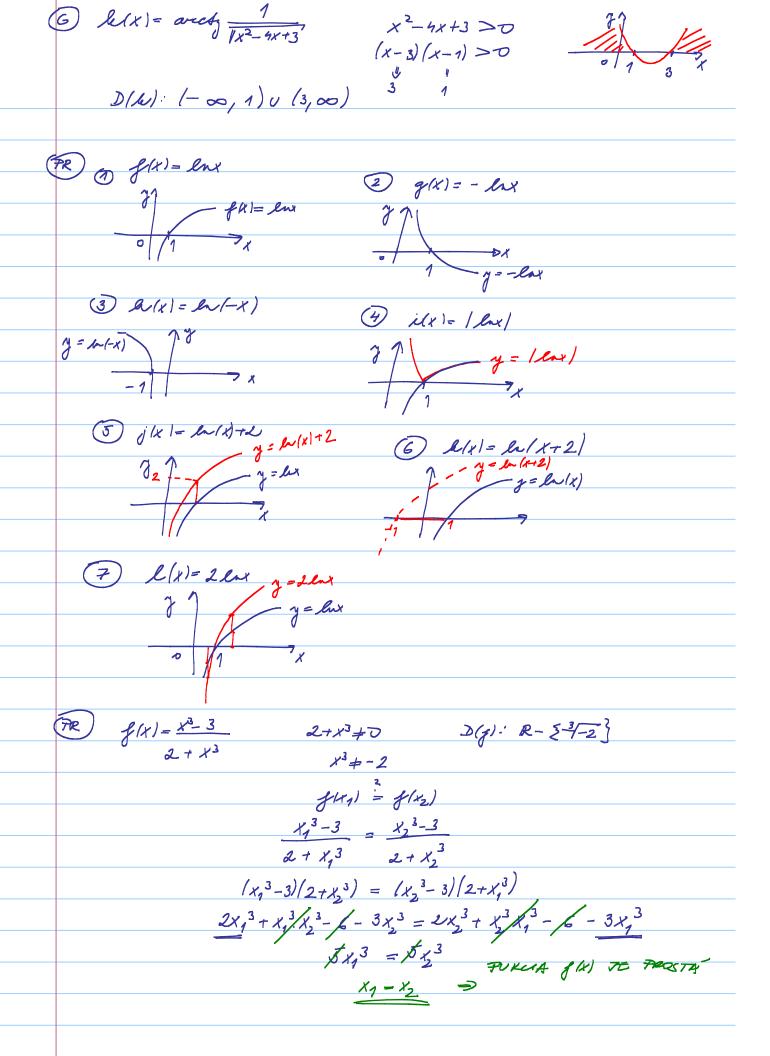
Note Title 16. 9. 2024 f(x)= \$2-lm D(y): (0,00) g/x1= ln (2cox - 13) cost = 12 ... X-1 2cox-13 >0 200x1 > 13 D(g): { - # + 2 × 1, # + 2 × 1); KGZ} coox > 13/2 3 h(x)= 12-log 1 x 2-1011 X =0 - log1 x ≥ -2 $\chi \geq \left(\frac{1}{2}\right)^2 = \frac{1}{4}$ $D(h): \left\langle \frac{1}{3}, \infty \right\rangle$ $i(x) = \int \frac{x-1}{x+1}$ $\frac{\chi-1}{\chi+1} \geq 0$ (X-1301 X+1>0) U (X-1 \(\text{X} - 1 \) D(i): (-0,-1) v <1,0) (3) (1 (x) = arcsm (2x+1) -1 \(\pm 2x + 1 \leq 1 1 2x+1 \le 1 -1 \(2x + 1 D(g): <-1,0> 2× ≦0 $2x+1 \ge -1$ X SO 21 ≥ -2 X ≥ -1



$$\begin{cases} 1 & x = \frac{\eta^{2} - 3}{2 + \eta^{3}} & \Rightarrow 2x + x\eta^{3} = \eta^{3} - 3 \\ & x\eta^{3} - \eta^{3} = -Lx - 3 \\ & \eta^{3} = -\frac{xx - 3}{x - 1} & x + 1 \end{cases}$$

$$\begin{cases} 3 & x - \frac{x^{2} - 3}{x - 1} & x + 1 \end{cases}$$

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$$\begin{cases} 3 & x - \frac{x^{2} - 3}{x - 1} & x + \frac{x^{2} - 3}{x - 1} & x + \frac{x^{2} - 3}{x - 1} \\ & x - \frac{x^{2} - 3}{x - 1} & x + \frac{x^{2} - 3}{x - 1} & x + \frac{x^{2} - 3}{x - 1} & x + \frac{x^{2} - 3}{x - 1} \\ & x - 1 & x - 1 \end{cases}$$

$$\begin{cases} 2 & x - \frac{x^{2} - 3}{x - 1} \\ & x - \frac{x^{2} - 3}{x - 1} \\ & x - \frac{x^{2} - 3}{x - 1} \\ & x - \frac{x^{2} - 3}{x - 1} \\ & x - \frac{x^{2} - 3}{x - 1} & x - \frac{x^{2}$$