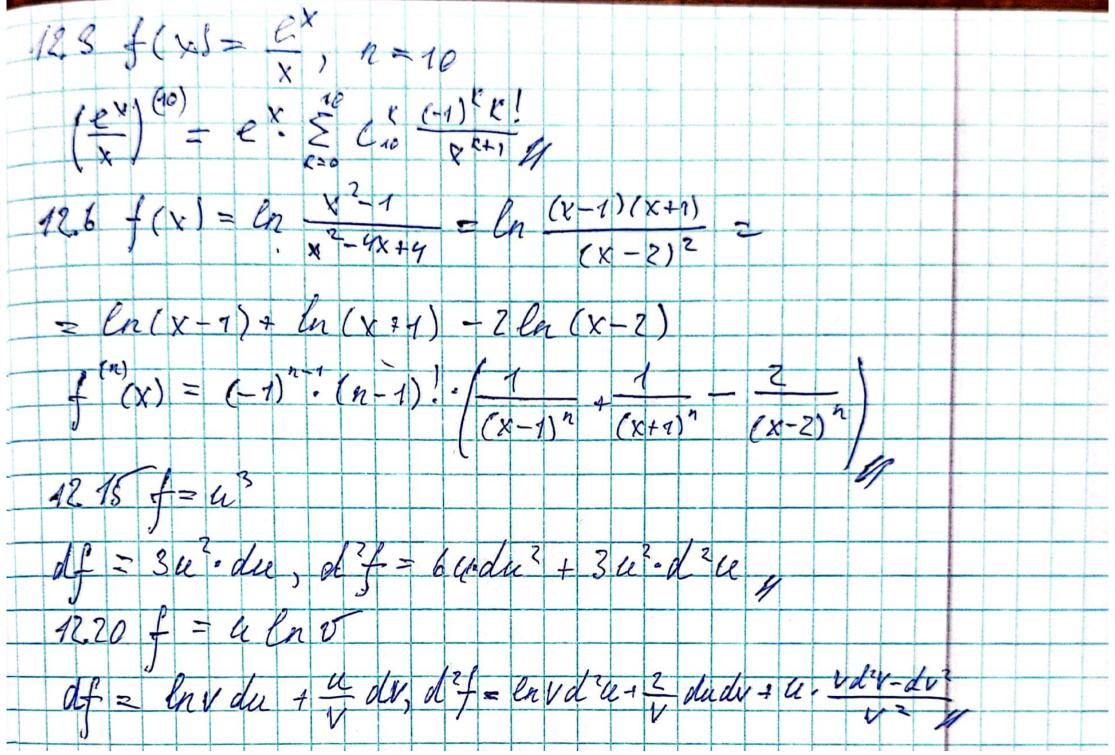
11.26
$$f(x) = \begin{cases} x - 1, x < 1 \end{cases}$$
 $f'(x) = 1, x < 1$
 $f'(x) = 2x, x > 1$
 $f'(x) = 2x, x > 1$
 $f'(x) = 1, f'(x) = 2, f'(x) \neq f'(x) \Rightarrow \text{ we grapewylichtary}$

11.24 $f'(x) = \begin{cases} f'(x) = 2, f'(x) \neq f'(x) \Rightarrow f'$

X = 2 4 f'(X) = (1) = 1 lnz. 24 lnz. 1149 x(4)= 2 ninty (4)= 2 1, to= 2 , P(1,2) $df = \frac{1}{\xi g \frac{u}{v}} \cdot d(\xi g \frac{u}{v}) = \frac{1}{\xi g \frac{u}{v}} \cdot d(\frac{u}{v}) = \frac{1}{\xi g \frac{u}{v}} \cdot \cos \frac{u}{v} \cdot \frac{1}{v} \cdot \frac{1}{v}$



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