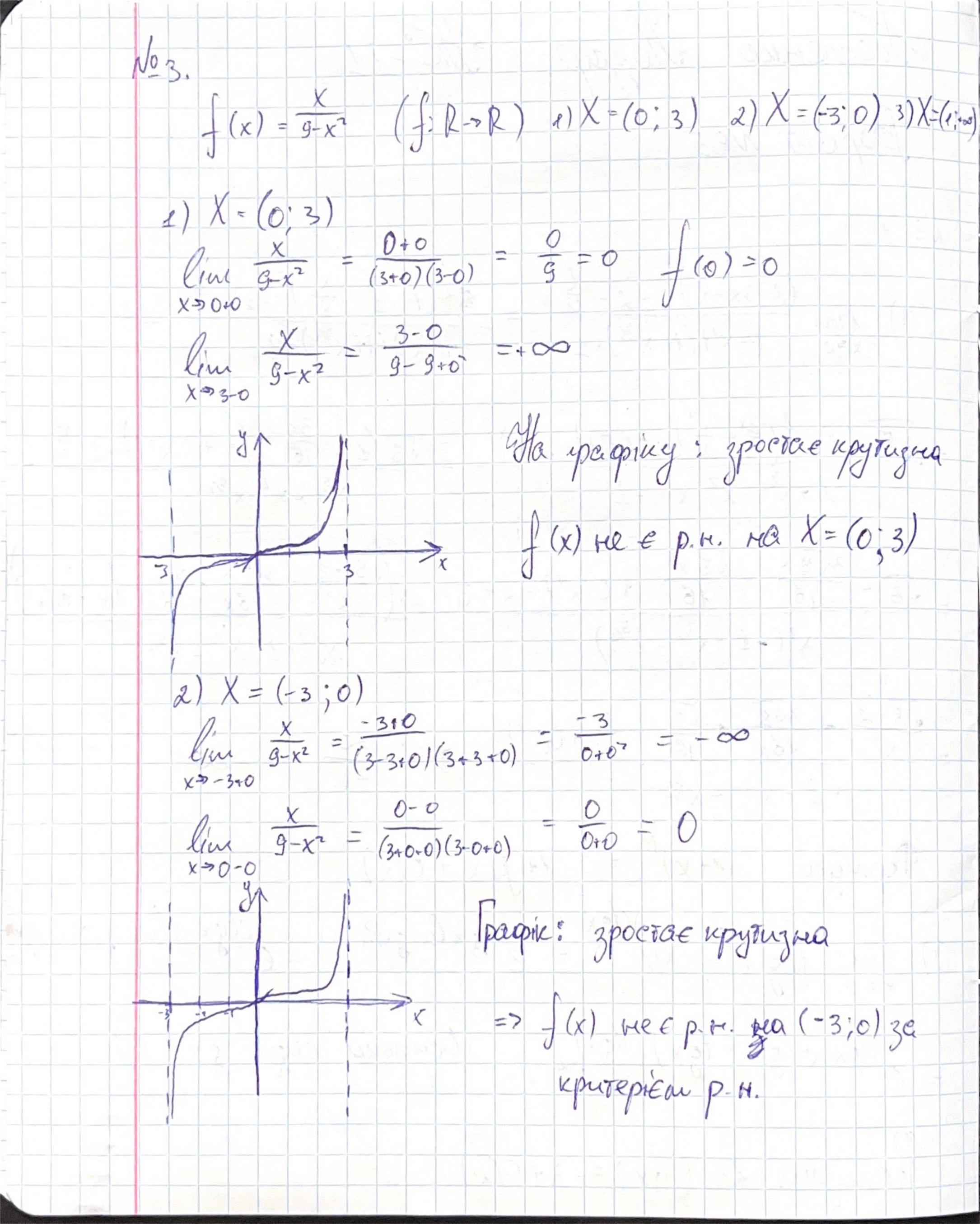
Juceneruo Baptant No5 $\begin{cases} 8-3x-x^2 - 2-\frac{x}{4} \\ -x^2 - x^2 - x^$ (1-2(3x-x)+0(x2))-2-X 1 + x 1/2 - x 2 - x 9/2 - 1 + O(x2)-2 Popuyru: 1+ Mx + O(x) (A+X) etg x lutg(tu-x) = etgx. (lu(+tgx)-lu(+tgx)) ctex (-tox -tox + o(tox) Ocumbuci Populyru: (u (1+x) = x+0(x)



3)
$$X \in (l; +\infty)$$
 $X = 3 - 10 \approx leq porper by it-to poogy$
 $\lim_{X \to 3 \to 0} \frac{X}{9x^2} = \frac{3 - 0}{9 - 9 + 0} \Rightarrow \int_{(X)} xe \in X$
 $\lim_{X \to 3 \to 0} \frac{X}{9x^2} = -\infty \Rightarrow \int_{(X)} xe \in X$
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He repept. × G +(a+t)2+a(a+t)+a2) Opanyra: (14x) = 1+ cix + o(x)

UCX < U+1 => TH (X (U =>) 1+ Jugrece no us go éteneril. $\frac{1}{\left(1+\frac{1}{x}\right)} \left(1+\frac{1}{u}\right)$ lieu (et te) = lieu (et te) lieu (et te)

n > 00 i repergered go exercey:

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