DBALAUR 9 ug hustok 4, bre nythrihl reporte a).
[Kamphin nymns no 1 Sarry]

2 Bhiruckus specem:

 $\begin{array}{c} \alpha ) \lim_{\chi \to +\infty} \left( \frac{2 \times^2 + 3}{2 \times^2 - 1} \right)^{\chi^2} \end{array} \quad \begin{bmatrix} 1 & \delta 2 \wedge \lambda \end{bmatrix}$ 

[hind: f(x) g(x) = e lu(f(x)) · g(x)]

b) lim 1/0+x - 1/00-x, 200 200 [1 SRAN]

[ hint: 14 une bieto Bornous jo Bathre populpanu Teurops; KALK amprephorable - MOWHO SOMHOMURS HIR COPPENDENCE]

e)  $\lim_{\chi \to 0} \frac{\omega_{S}(\alpha_{1}\chi) \cdot \omega_{S}(\alpha_{2}\chi) \cdot \omega_{S}(\alpha_{n}\chi) - 1}{\chi^{2}}$  [2  $\omega_{ARDO}$ ]

[hint: unogrape nonex]