$a_n \rightarrow a \left( |a_n - a| < \frac{1}{4} \right).$ Proof of 2.  $\int u \cdot a_n > a_1 = \begin{cases} -a \\ 2 \end{cases} - finite$  $\left\{ h: a_{1} > 2 - \frac{e \cdot a_{1}}{3} \right\} - finife$ No subsequence liman = liman = liman = liman 3/=> YKJnxx an > 6/4. Ux > liman > 4-1 "How to solve a problem" A reference for bonus problem