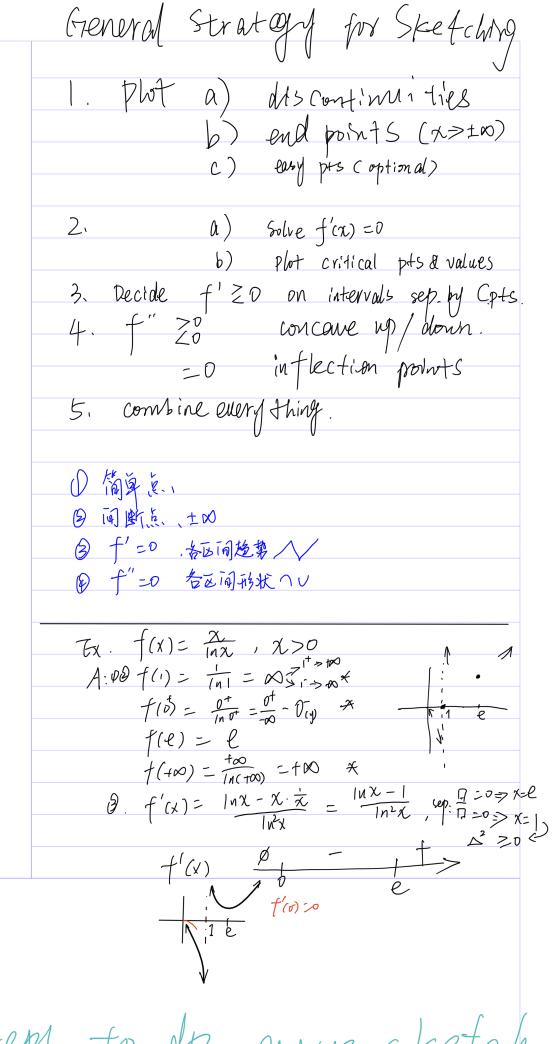
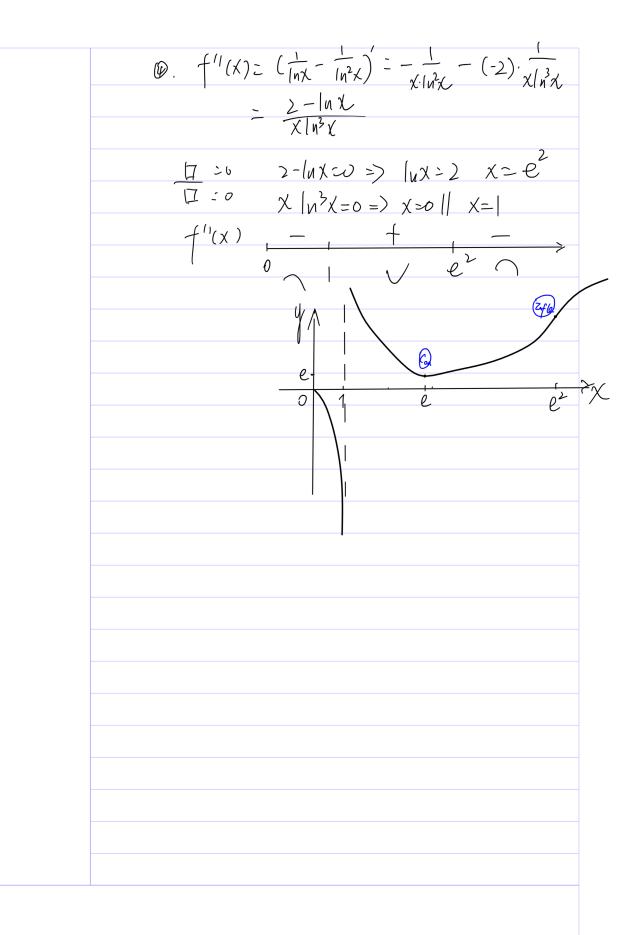
$$7 + f(x) = \frac{x+1}{x+2}, f'(x) = \frac{1}{(x+2)^2} > 0$$

A: 0 no cvitical point. plot points not there. $f(-2^{+}) = \frac{-2^{+}+1}{-2^{+}+2} = \frac{-1}{0^{+}} = -\infty$ $f(-2^{-}) = \frac{-2^{-}+1}{-2^{-}+2} = \frac{-1}{0^{-}} = +\infty$



Steps to do curve sketch



ex cemp le

MAX/MIN Problems. Only need too look at Critical points

& end points

& discontinuty max/min points