5. (a) MRTSux =
$$\frac{MR}{MRx}$$
 $\frac{MR}{MRx} = \frac{1}{2} L^{\frac{1}{2}} K^{\frac{1}{2}}$

$$\Rightarrow \frac{k}{L} \Rightarrow \frac{MRTux}{(\frac{k}{L})} \Rightarrow \frac{\Delta(\frac{k}{L})}{\Delta MRTSux} \Rightarrow 1$$

替代弹性,
$$o: \frac{\% o(\frac{k}{\ell})}{\% oMRTSUK} = \frac{o(\frac{k}{\ell})}{oMRTSUK} \cdot \frac{MRTSUK}{(k/\ell)}$$

$$\frac{d \ln \frac{k}{\ell}}{d \ln MRTS}$$