Week4

$$-\frac{(3)!}{(4)!} \begin{cases} 9 = 10L^{0.5} K^{0.5} \\ \frac{MPL}{MPK} = \frac{W}{7} \Rightarrow \frac{K}{L} = 1 \end{cases} \Rightarrow 7c = 20L$$

(5): 0 TC = wL+ rk

$$\Rightarrow TC = IoL + Iok$$

$$\Rightarrow AC = \frac{TC}{9} = \frac{IoL + Iok}{IoLosskos} = \frac{L+k}{Losskos}$$

$$\Rightarrow AC = \frac{dTC}{dg} = 8L^{\frac{1}{2}}k^{\frac{1}{2}}$$