Task1

$$\begin{split} & \left(\left(\lambda a. (\lambda b.b \, b) \, (\lambda b.b \, b) \right) b \right) \left(\left(\lambda c. (c \, b) \, (\lambda a.a) \right) \, \rightarrow_{\beta} \\ & \left(\left(\lambda b.b \, b \right) \, (\lambda b.b \, b) \right) \left(\left(\lambda c.c \, b \right) \, (\lambda a.a) \right) \, \rightarrow_{\beta} \\ & \left(\left(\lambda b.b \, b \right) \, (\lambda b.b \, b) \right) \left(\left(\lambda a.a \right) \, b \right) \, \rightarrow_{\beta} \\ & \left(\left(\lambda b.b \, b \right) \, (\lambda b.b \, b) \right) b \end{split}$$

Task2

$$\begin{array}{l} S\,K\,K = \\ (\lambda x\,y\,z.x\,z\,(y\,z))(\lambda x\,y.x)(\lambda x\,y.x) \rightarrow_{\beta} \\ \lambda z.(\lambda x\,y.x)\,z((\lambda x\,y.x)\,z) \rightarrow_{\beta} \\ \lambda z.z = I \end{array}$$