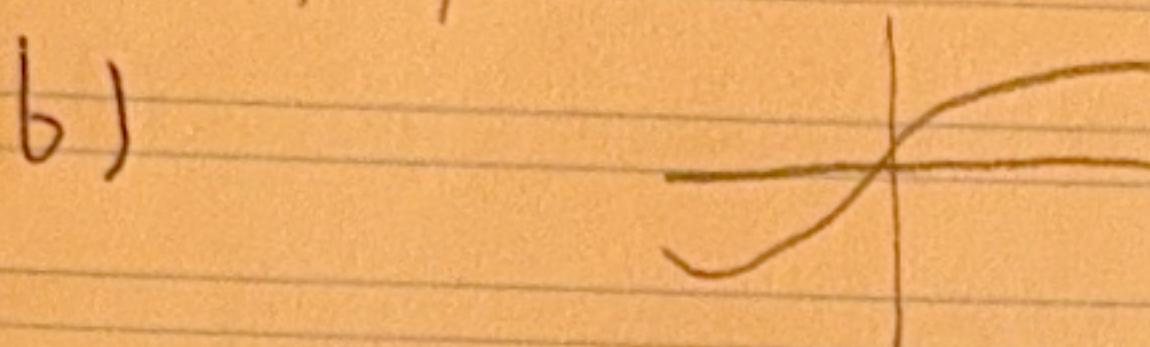
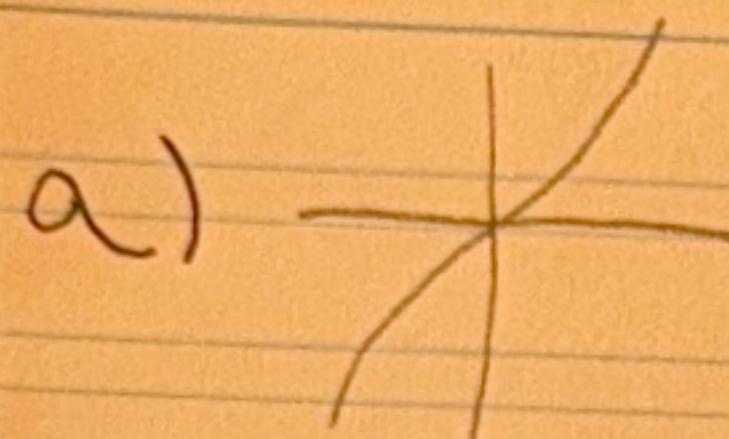


Hyperbolic Sine

Session 101



c) $y = \sinh^{-1} \Rightarrow \sinh y = u \Rightarrow y' = \frac{1}{\cosh} = \frac{1}{\sqrt{1+u^2}}$

d) $\sinh^{-1}\left(\frac{u}{a}\right) + C$