

Q1. $\int \operatorname{sech} x \, dx$

Q2. $\int \cos x \cdot \sin(3x) \, dx$

Q3. $\int x 3^{1-x} \, dx$

Q4. $\int \operatorname{csch}^4 x \operatorname{coth}^{-2} x \, dx$

Q5. If $\sinh x = -1$, find $\tanh(2x)$