

Quiz 2 Math 102

Q1. Find $\int (\frac{1}{3})^{\tan t} \sec^2 t \, dt$

Q2. Solve the following equation: $\cosh x = \frac{13}{5}$, $x > 0$

Q3. Find a reduction formula for the following integral: $I_n = \int x^n \cdot b^{2x} \, dx$, $b > 0$, $b \neq 1$