

Worksheet: Integrals (Integration — The Reverse of Differentiation)

Kerala State Board · Class 12 · Mathematics · 3 questions · 13 marks

Name: _____	Date: _____	Score: _____ / 13
-------------	-------------	-------------------

Q1. Evaluate: ~~∫~~~~e~~~~dx~~. [3 marks]

Q2. Evaluate: ~~4~~~~(2)~~ $\int \sin x / (\sin x + \cos x) \, dx$. [4 marks]

Q3. Evaluate: ~~∫~~ $(x^2 + 1)/[(x^2 + 2)(x^2 + 3)] \, dx$. [6 marks]