

Worksheet: Numerical Integration: Simpson's Rule



Q1: Use Simpson's rule with $n = 4$ to estimate the arc length of the curve $y = e^x$ between $x = 1$ and $x = 3$. Give your answer to 5 decimal places.

A 20.08554

B 17.37311

C 17.53018

D 22.80382

E 17.53020