

ME102 Unit Activity – Subunit 2.1.2 Answer Key

Answer: A

Solution:

Here we perform the integral of y^2 over the interval $-L/2$ to $L/2$ and multiply by the width. So this gives $L(y^3/3)$ evaluated from $-L/2$ to $L/2$, which then gives $2L(L^3/8)/3 = L^4/12$ as the answer.

