

King Fahd University of Petroleum and Minerals
Math. & Stat. Department
163-Math 101 Quiz (6)

Name	ID	SEC 09
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Q1) What is the least amount material to construct an open top cylindrical can that will hold a volume of 1000cm^3 ?

Q2) Find the most general antiderivative of $f(x) = \frac{t^2 e^t - 2\sqrt{t}}{t^2}$.