

King Fahd University of Petroleum and Minerals
Math. & Stat. Department
162-Math 102 Quiz (2)

Name	ID	SEC
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Q1) Evaluate $\int \left(\frac{2-x}{x^7} \right)^{1/3} dx$.

Q2) Find the area of the region enclosed by $x = y^3 - y^2$ and $x = 2y$.

Q3) Find the volume of the solid generated by revolving the region bounded by the parabola $y = x^2$ and the line $y = 1$ about the line $y = -1$.