Q1) Evaluate \[ \int \left( \frac{2-x}{x^2} \right)^{1/3} \, dx \, . \]

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 $y = -1$. 