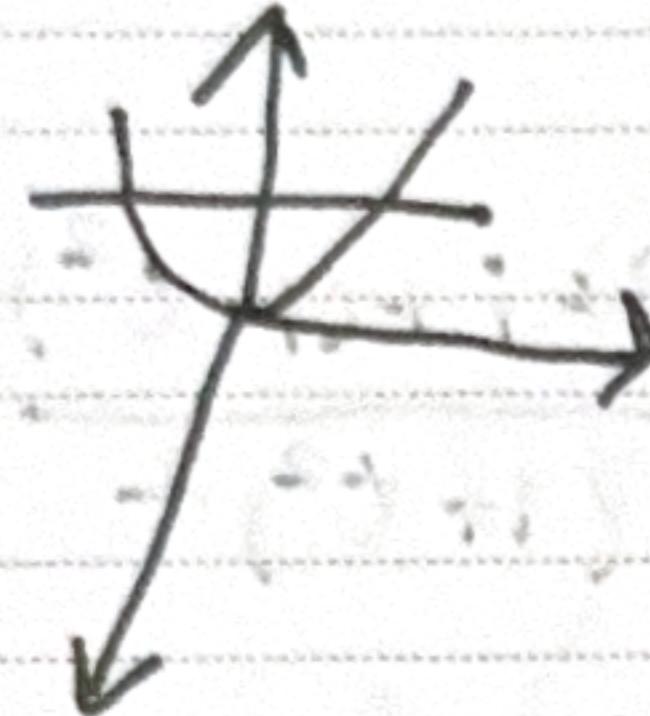


Subject: Session 75  
Year . Month . Date . ( )



$$\begin{aligned} & \int_0^{2\pi} \int_0^1 r^3 dz dr d\theta \\ &= \int_0^{2\pi} \int_0^1 r^3 - r^2 dr d\theta \\ &= \int_0^{2\pi} \frac{1}{12} r^4 \Big|_0^1 d\theta = \frac{\pi}{36} \end{aligned}$$