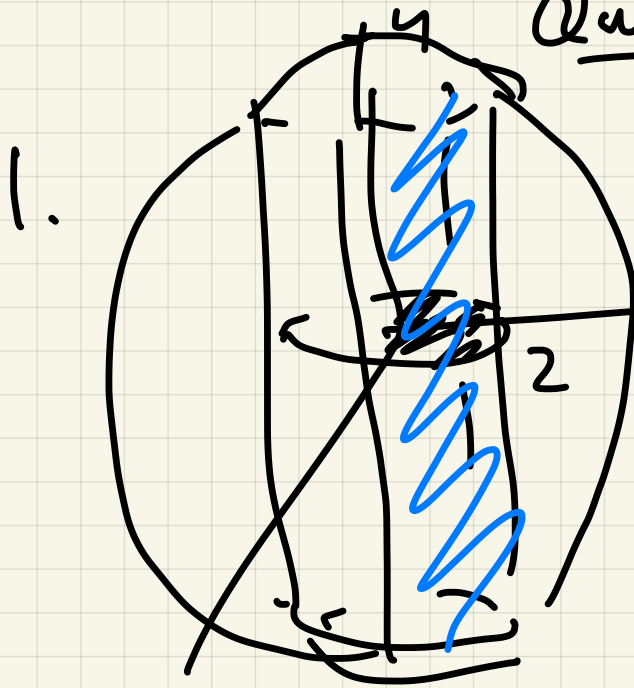


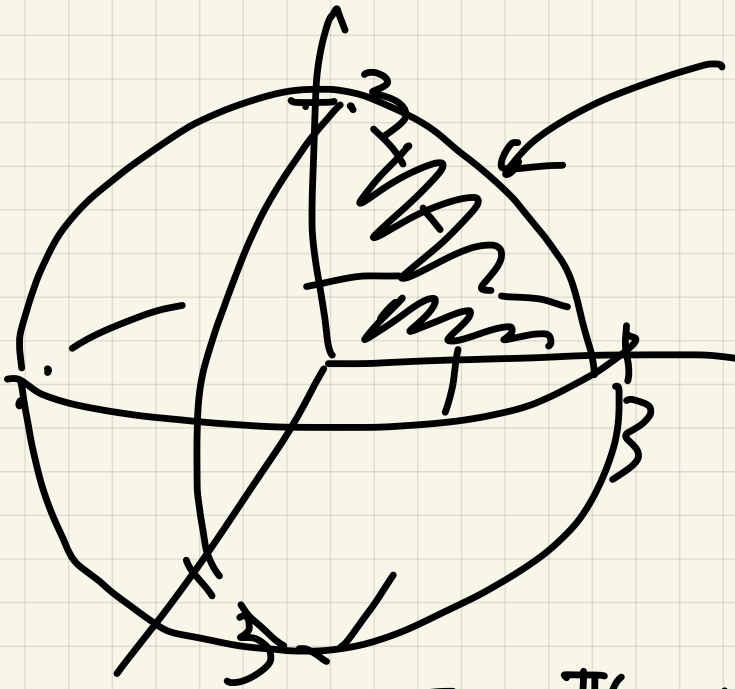
Quiz 18



right side

$$\int_0^{\pi} \int_0^2 \int_{-\sqrt{16-r^2}}^{\sqrt{16-r^2}} r^2 \sin \theta \, dz \, dr \, d\theta$$

2.



back right portion

$$\int_{\pi/2}^{\pi} \int_0^{\pi/2} \int_0^3 \rho \sin \phi \sin \theta \rho^2 \sin \phi \, d\rho \, d\phi \, d\theta$$