4.
$$\forall \cdot D = \frac{dD_x}{dx} = 4p C/m^3$$

$$0x = 5_{en} = 200 fc$$

$$Q = \int_{0}^{12} \int_{0}^{13} \int_{0}^{13} \frac{40p^{2}}{m^{3}} dx dy dz$$