3/3. Waro: j=kr, R UYZR 13cm/7 = mo/2xxx2 dr, B(x) -? BCr) $2\pi r = 2\pi k M o \int_{0}^{r} r^{2} dr$ BCr) $2\pi r = \frac{2\pi k M o r^{3}}{3}$ BCr) = $\frac{k M o r^{4}}{3}$ \$\frac{1}{8}(r)(\frac{1}{9}) = 1110 \left| 2\times k^2 \\
8(r)(2\times) = \frac{2\times kullok^3}{3} \\
8(r) = \frac{kullok^3}{3r} 7. Dano: B= babra B= Mo (2xr'jdr)

j(r)-? = MA $= 2\pi b r^{\alpha+1} = 2u u_0 \pi \int r' j cridr'$ 2x 2(a+1)xbYa=2MMoxj(y)r j(r)= 10-1 (0+1)b