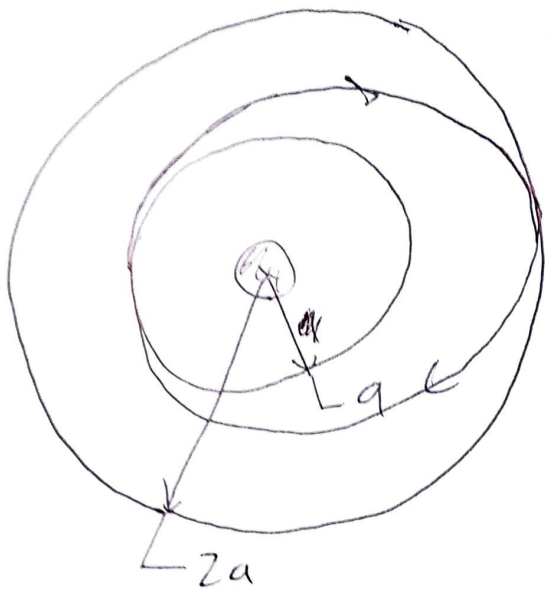


SEMI-MAJOR AXIS: $\frac{a+zq}{2} = \frac{3}{2}a$



USING CD SLIDERS:

$T_{\text{TRANSFER}} = \frac{2\pi}{\omega} = 2\pi \sqrt{\frac{m \left(\frac{3}{2}a\right)^3}{A}}$

$\neq 2\pi \sqrt{\frac{m a^3}{A}}$

$= 2\pi \sqrt{\frac{m \left(\frac{3}{2}a\right)^3}{A}}$

$T_{\text{GEOSTAC}} = 2\pi \sqrt{\frac{m a^3}{A}}$

$\frac{T_{\text{TRANSFER}}}{T_{\text{GEOSTAC}}} = \frac{2\pi \sqrt{\frac{m \left(\frac{3}{2}a\right)^3}{A}}}{2\pi \sqrt{\frac{m a^3}{A}}} = \sqrt{\left(\frac{3}{2}\right)^3} = 1.84 \text{ DAYS}$

how long it takes = $\frac{T_{\text{GEOSTAC}}}{2} = \underline{\underline{0.92 \text{ DAYS}}}$