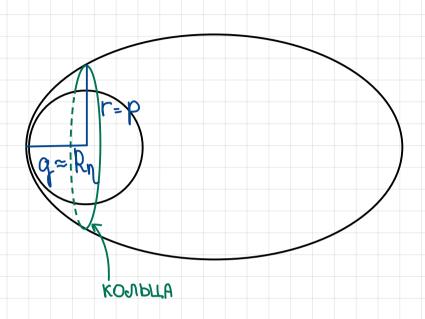
AAHO: Rn = 60 268 KM; r1 = 1,34.105 KM; r2 = 1,17.105 KM HAUTU: Q1 4 Q2-? OCTAHYTCG NU ANNAPATH UCKYCCTBEHHHMU CHYTHURAMU CATYPHA?

Решение:



au 6 - BONDMAS U MANAS NONYOCU COOTBETCTBEHHO

$$a^2 = b^2 + c^2$$
; $c = ae \Rightarrow b^2 = a^2(1 - e^2)$

$$r = p = \frac{b^2}{a} = \frac{a^2(1-e)}{a} = a(1-e)(1+e) = a(1+e)$$

$$e = \frac{1}{R_{1}} - 1$$
 $e_{1} \approx 1,22$
 $e_{2} \approx 0,94$

e = \frac{\Gamma}{R_n} - 1 \quad \text{e} > 1 \quad \text{B} \quad \text{RPBOM CNYYAE OPBUTA HE ABNAETCA e1 ≈ 1,22 C. DANNITHYECKOÙ, U ANNAPAT NOKUHET OKPECTHOUW CATYPHA

P2 < 1 => BTOPOU ANNAPAT EYAET ABURATORS NO SUNUN -TUYECKOU OPEUTE

$$Q_2 = Q_2 (1 + e_2); \quad Q_2 = \frac{R_{\eta}}{1 - e_2}$$

 $Q_2 = R_{\eta} \frac{1 + e_2}{1 - e_2} \approx 1.95 \cdot 10^6 \text{ km}$

OTBET: 1-bIŪ ANNAPAT NOKUMET OKPECTHOCTU CATYPHA; 2-OŪ ANNAPAT BYLET LBURATOCA NO ENNUNTUMECKOÙ OPBUTE U $Q_2 = 1,95 \cdot 10^6$ km.