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рiднiз нiа чiаB нiе пiв

$$\frac{h-r}{2} = r \frac{2r+2a}{2} \rightarrow r = \frac{ha}{r+a} = \frac{\sqrt{h^2-a^2}a}{r+a} = \frac{\sqrt{(R-a)(R+a)}a}{r+a}$$

$r = a \sqrt{\frac{R-a}{R+a}}$

$\triangle OKO_1 \sim \triangle OLO_2$ (S.S)

 $\frac{KO_1}{LO_2} = \frac{OO_1}{OO_2} \rightarrow \frac{r}{R-r} = \frac{h-r}{2a} \rightarrow \frac{r}{R} = \frac{R-r}{h} = \frac{Ra}{R+a}$