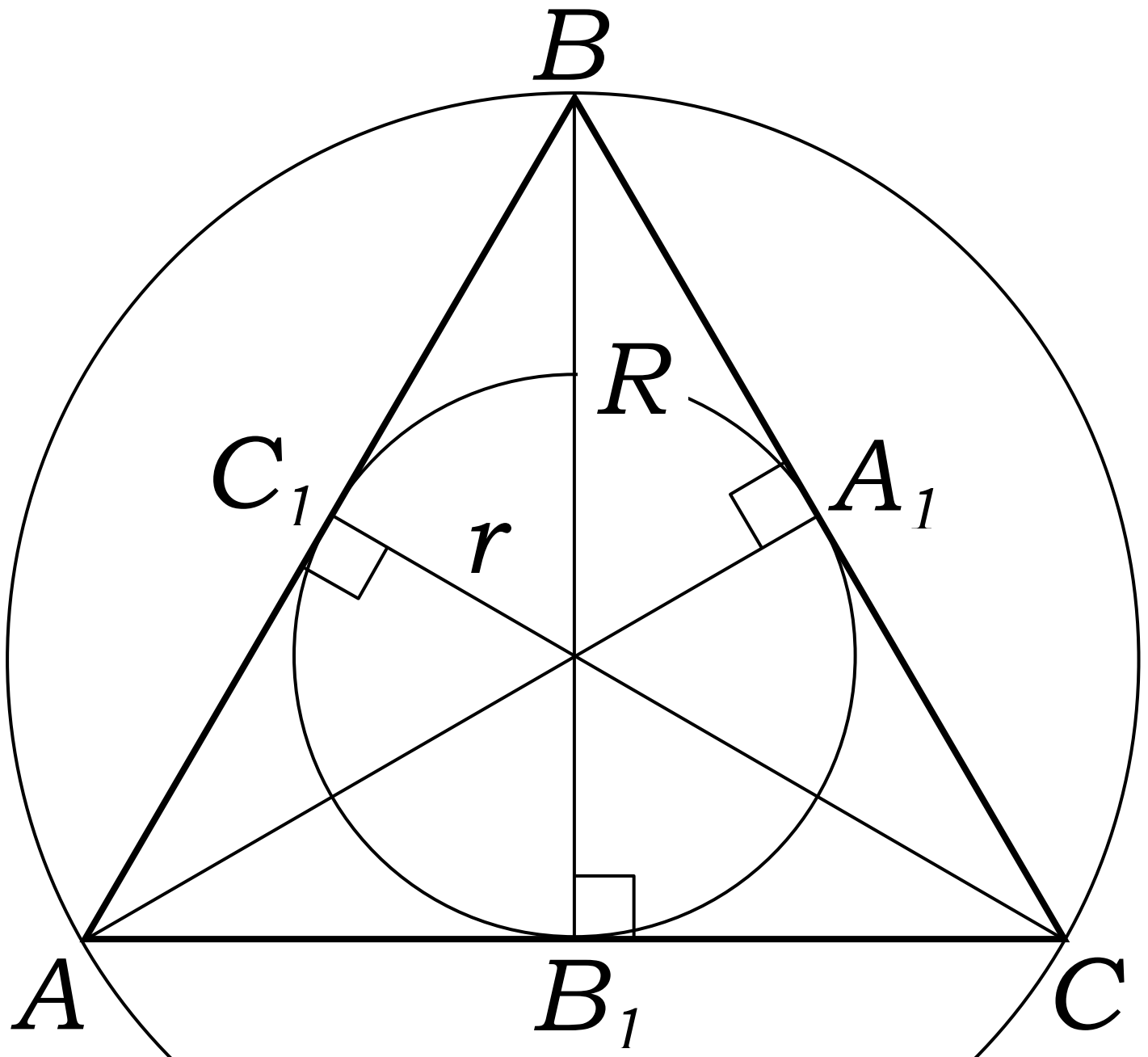


Равносторонний треугольник



$$a = R\sqrt{3} = 2r\sqrt{3} = \frac{3}{2}h; \quad P = 3a$$

$$h = \frac{a\sqrt{3}}{2} - \text{высота}; \quad S = \frac{a^2\sqrt{3}}{4}$$

$$R = 2r = \frac{a}{\sqrt{3}} = \frac{2}{3}h; \quad r = \frac{a}{2\sqrt{3}} = \frac{R}{2}$$