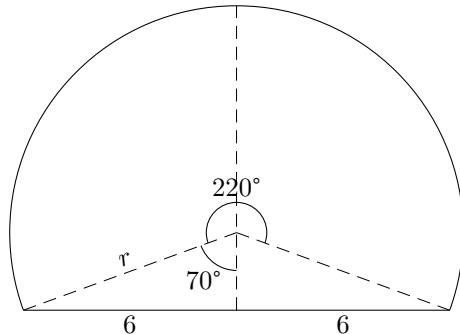


15.5



$$r = \frac{6}{\sin(70^\circ)} \approx 6,39$$

$$h = r + \frac{6}{\tan(70^\circ)} \approx 8,57$$