$$R$$

$$30°$$

$$x = \frac{\sqrt{3}}{2} R$$

$$R = \frac{2}{\sqrt{3}} x$$

$$y = \frac{1}{2} R$$

$$= \frac{1}{2} \frac{2}{\sqrt{3}} x$$

$$= \frac{1}{\sqrt{3}} x$$

$$\approx \frac{1}{1.73} x$$