

# Zusammenfassung:

# Kreisbogen

$$t = R \cdot \tan\left(\frac{\alpha}{2}\right)$$

$$t_1 = R \cdot \tan\left(\frac{\alpha}{4}\right)$$

$$s = 2R \cdot \sin\left(\frac{\alpha}{2}\right)$$

$$s_1 = 2R \cdot \sin\left(\frac{\alpha}{4}\right)$$

$$p = R \left(1 - \cos\left(\frac{\alpha}{2}\right)\right)$$

$$p_1 = R \left(1 - \cos\left(\frac{\alpha}{4}\right)\right)$$

$$f = R \left( \frac{1}{\cos\left(\frac{\alpha}{2}\right)} - 1 \right)$$

$$b = \frac{R \cdot \pi \cdot \alpha}{200^g} = \frac{R \cdot \pi \cdot \alpha}{180^\circ}$$

$$y = R - \sqrt{R^2 - x^2}$$

$$y \approx \frac{x^2}{2R}$$

