

Korbbogen:

$$S := 100 \quad CM := 20$$

$$L := \left( \frac{S}{2} - CM \right) \cdot 2^{0.5} \quad L = 42.4264$$

$$R_1 := CM + 2 \cdot L \quad R_1 = 104.8528$$

$$R_2 := \frac{S}{2} - 0.292893 \cdot L \quad R_2 = 37.5736$$

$$R_3 := \frac{S}{2} - L \quad R_3 = 7.5736$$