

$$\underline{1.} \quad u = 2 \cdot r \cdot \pi = 2 \cdot 75 \text{ cm} \cdot \pi \approx \underline{\underline{471,2 \text{ cm}}}$$

$$\underline{2.} \quad A = r^2 \cdot \pi = (1,4 \text{ m})^2 \cdot \pi \approx \underline{\underline{6,16 \text{ m}^2}}$$

$$\underline{3.} \quad r = \frac{u}{(2 \cdot \pi)} = \frac{4,3 \text{ dm}}{(2 \cdot \pi)} \approx \underline{\underline{0,68 \text{ dm}}}$$

$$\underline{4.} \quad r = \sqrt{\frac{A}{\pi}} = \sqrt{\frac{8 \text{ dm}^2}{\pi}} \approx \underline{\underline{1,60 \text{ dm}}}$$

$$\underline{5.} \quad r = \frac{u}{(2 \cdot \pi)} = \frac{50 \text{ cm}}{(2 \cdot \pi)} \approx \underline{\underline{7,96 \text{ cm}}}$$

$$A = r^2 \cdot \pi \approx \underline{\underline{198,94 \text{ cm}^2}}$$

$$\underline{6.} \quad r = \sqrt{\frac{A}{\pi}} = \sqrt{\frac{50 \text{ cm}^2}{\pi}} \approx \underline{\underline{3,99 \text{ cm}}}$$

$$u = 2 \cdot r \cdot \pi \approx \underline{\underline{25,1 \text{ cm}}}$$

$$\underline{7.} \quad A_1 = r_1^2 \cdot \pi = (4 \text{ m})^2 \cdot \pi \approx \underline{\underline{50,27 \text{ m}^2}}$$

$$A_2 = \frac{A_1}{2} \approx \underline{\underline{25,13 \text{ m}^2}}$$

$$r_2 = \sqrt{\frac{A_2}{\pi}} \approx \underline{\underline{2,8 \text{ m}}}$$