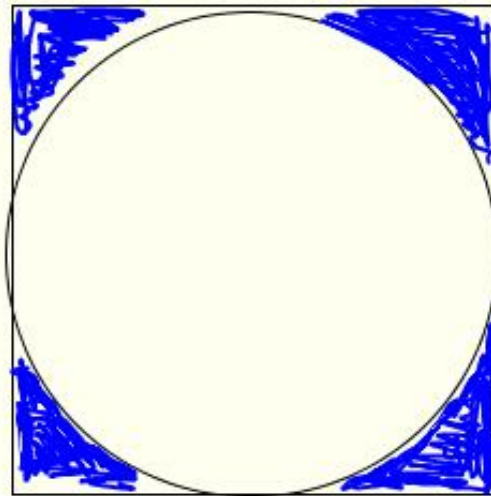


Beräkna area och omkrets på sammansatta figurer

↓
(Fler geometriska figurer
som sitter ihop)

Beräkna arean på det
blåa området.

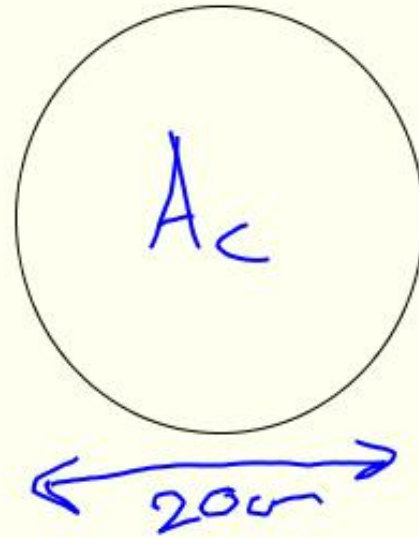
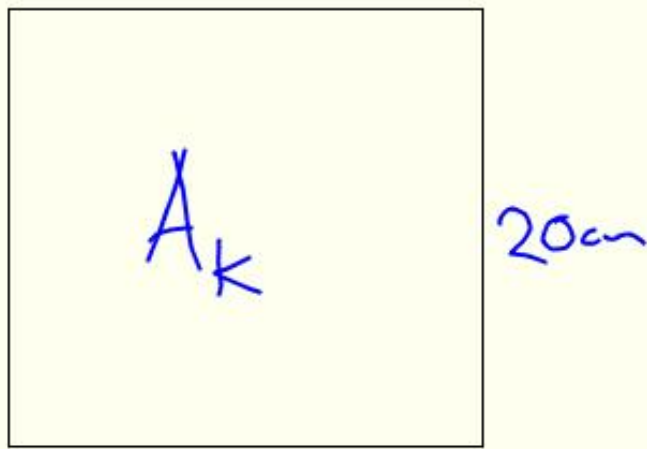


↑
20cm
↓

← 20cm →

$$A_{\text{TOT}} = A_K - A_C = 400 - 314 = 86$$

$$A_{\text{TOT}} = 86 \text{ cm}^2$$



$$d = 20 \text{ cm}$$

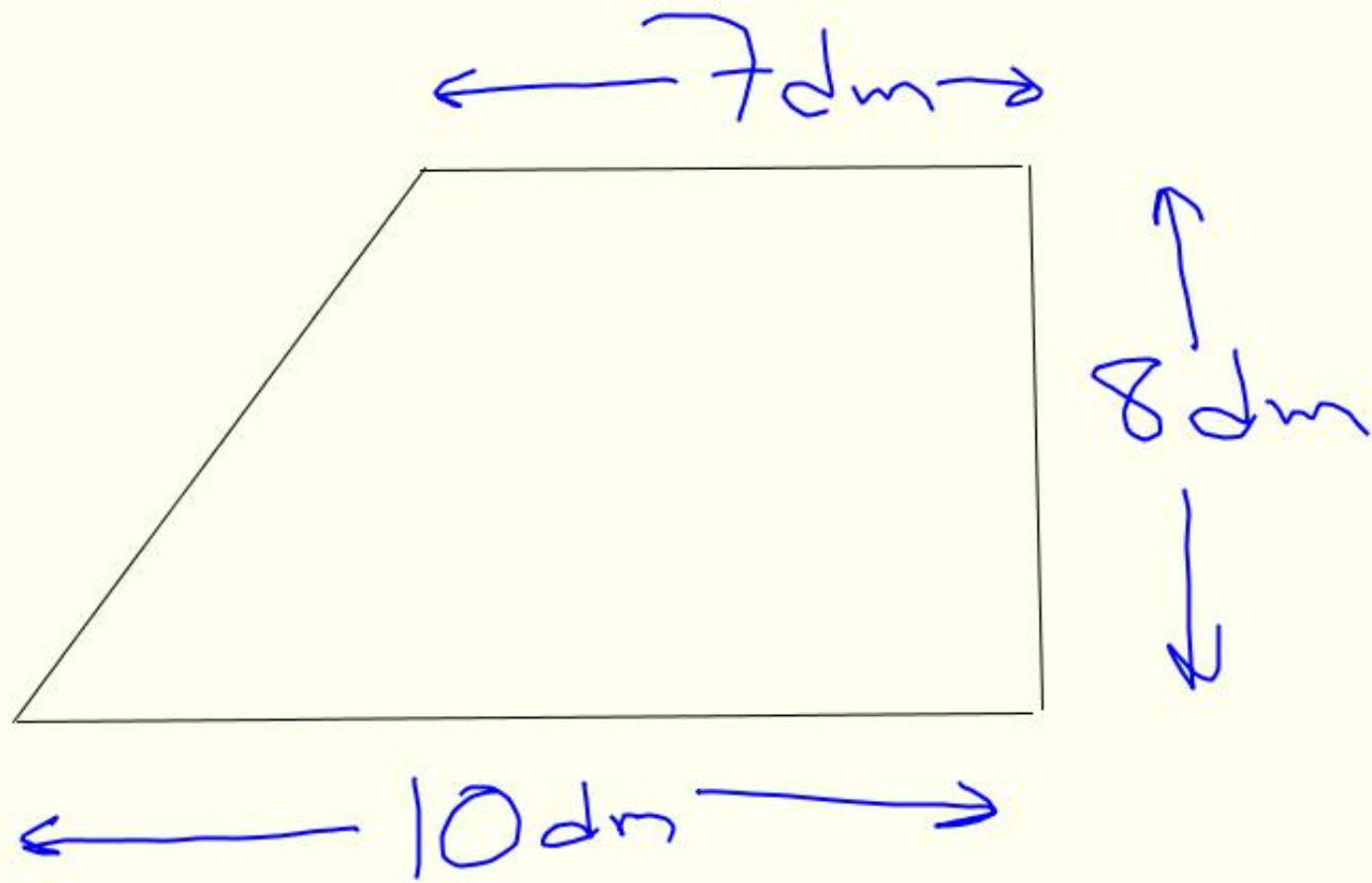
$$r = \frac{d}{2} = \frac{20}{2} = 10 \text{ cm}$$

$$20 \text{ cm}$$

$$A_K = 20 \cdot 20 = \underline{400 \text{ cm}^2}$$

$$A_C = 10 \cdot 10 \cdot 3.14$$

$$\underline{A_C = 314}$$



$$A_1 = 7\text{dm} \cdot 8\text{dm} = 56\text{dm}^2$$

$$A_2 = \frac{3 \cdot 8}{2} = 12\text{dm}^2$$

$$A_{\text{TOT}} = A_1 + A_2$$

$$A_{\text{TOT}} = 56 + 12$$

$$\underline{\underline{A_{\text{TOT}} = 68\text{dm}^2}}$$

