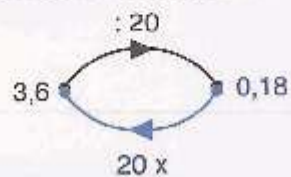
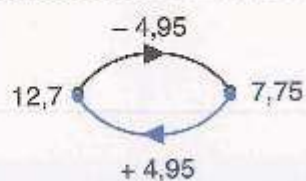
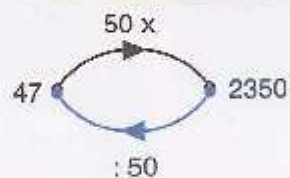


Herhaling

1

Los op.



2

Los op.

$$680 : 25 : 4 = 680 : 100 = 6,8$$

$$340 \times 5 \times 20 = 340 \times 100 = 34\,000$$

$$6800 + 4950 + 3200 = 10\,000 + 4950 = 14\,950$$

$$10\,000 - 2870 - 1130 = 10\,000 - 4000 = 6000$$

3

Los op.

$$75\% \text{ van } 1800 = 3/4 \times 1800 = 3 \times 450 = 1350$$

$$90\% \text{ van } 2,5 = 2,5 - 0,25 = 2,25$$

$$5\% \text{ van } 3,4 = 3,4 : 20 = 1,7 : 10 = 0,17$$

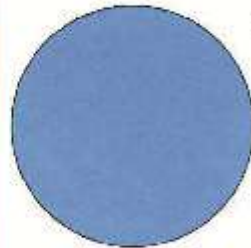
$$3/5 \text{ van } 175\,000 = 3 \times 35\,000 = 105\,000$$

$$2/7 \text{ van } 84\,000 = 2 \times 12\,000 = 24\,000$$

$$5/8 \text{ van } 10\,000\,000 = 5 \times 1\,250\,000 = 6\,250\,000$$

Herhaling

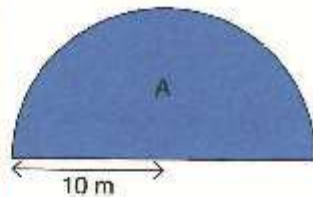
1 Bereken de omtrek.



De diameter van deze rotonde meet 16 meter

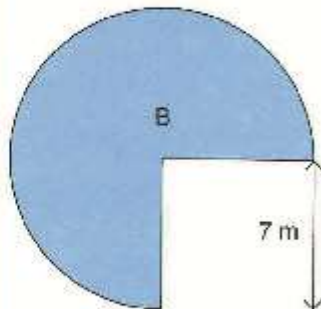
$$\begin{aligned} \text{omtrek} &= 2 \times r \times \pi \\ &= 2 \times 8 \text{ m} \times 3,14 \\ &= 50,24 \text{ m} \end{aligned}$$

2 Bereken de omtrek van deze vlakke figuren.



omtrek figuur A:

$$\begin{aligned} \text{halve cirkel} &\rightarrow (2 \times r \times \pi) : 2 \\ &= (2 \times 10 \text{ m} \times 3,14) : 2 \\ &= 31,4 \text{ m} \\ \text{totaal: } &31,4 \text{ m} + 20 \text{ m} = 51,4 \text{ m} \end{aligned}$$

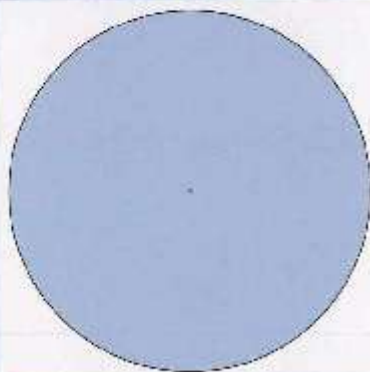


omtrek figuur B:

$$\begin{aligned} \text{3/4 cirkel} &= \frac{3}{4} \times (2 \times r \times \pi) \\ &= \frac{3}{4} \times (2 \times 7 \text{ m} \times 3,14) \\ &= \frac{3}{4} \times 43,96 \text{ m} = 32,97 \text{ m} \\ \text{totaal: } &32,97 \text{ m} + 7 \text{ m} + 7 \text{ m} = 46,97 \text{ m} \end{aligned}$$

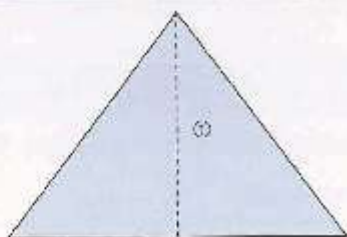
Herhaling

1 Bereken de oppervlakte van deze cirkel / schijf.



$$\begin{aligned} \text{opp.} &= r \times r \times \pi \\ &= 1 \text{ cm}^2 \times 2,4 \times 2,4 \times 3,14 \\ &= 18,0864 \text{ cm}^2 \text{ (of } 18,09 \text{ cm}^2) \end{aligned}$$

2 Noteer de formule en bereken de oppervlakte.



$$\begin{aligned} b &= 600 \text{ m} \\ h &= 400 \text{ m} \end{aligned}$$

$$\begin{aligned} \text{opp. ①: } \frac{b \times h}{2} &= \\ 1 \text{ m}^2 \times \frac{600 \times 400}{2} &= 120\,000 \text{ m}^2 \end{aligned}$$



$$\begin{aligned} b &= 1,5 \text{ m} \\ h &= 3 \text{ m} \end{aligned}$$

$$\begin{aligned} \text{opp. ②: } b \times h &= 1 \text{ m}^2 \times 1,5 \times 3 \\ &= 4,5 \text{ m}^2 \end{aligned}$$

3 Meet na en bereken de oppervlakte.



$$\begin{aligned} &1 \text{ cm}^2 \times 7 \times 2 - \\ &1 \text{ cm}^2 \times 2 \times 1 \\ &= 14 \text{ cm}^2 - 2 \text{ cm}^2 \\ &= 12 \text{ cm}^2 \end{aligned}$$