



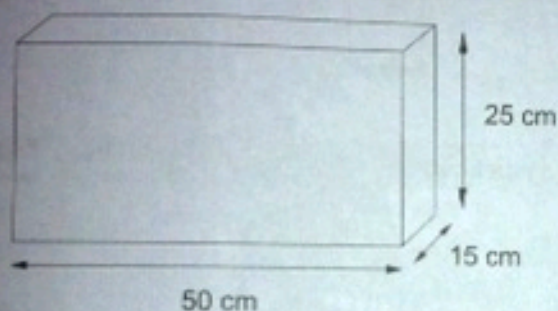
MMR

Vanaf hier mag je een
ZRM gebruiken.

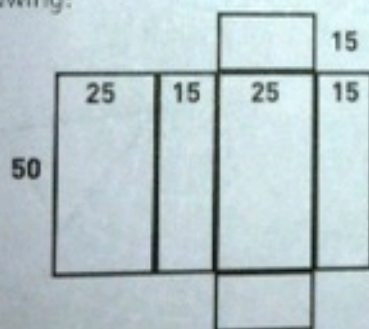


1 De oppervlakte van kubus en balk

- a Schets de ontvouwing van de onderstaande lichamen.
b Bereken de oppervlakte van de lichamen.



schets ontvouwing:



berekening:

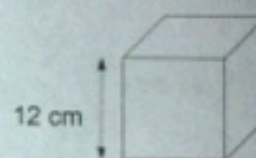
$$2 \times (50 \times 25) \times 1 \text{ cm}^2 = 2\,500 \text{ cm}^2$$

$$2 \times (50 \times 15) \times 1 \text{ cm}^2 = 1\,500 \text{ cm}^2$$

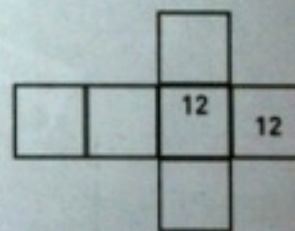
$$2 \times (25 \times 15) \times 1 \text{ cm}^2 = 750 \text{ cm}^2$$

$$+ \quad \quad \quad$$

$$\text{oppervlakte: } 4\,750 \text{ cm}^2$$



schets ontvouwing:



berekening:

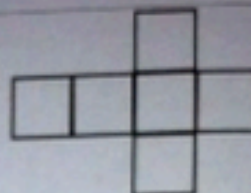
$$6 \times (12 \times 12) \times 1 \text{ cm}^2$$

$$= 864 \text{ cm}^2$$

$$\text{oppervlakte: } 864 \text{ cm}^2$$

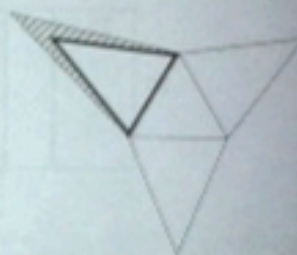
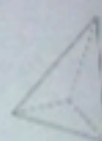
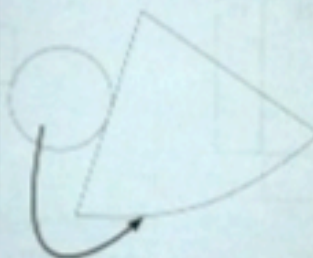
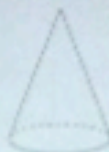
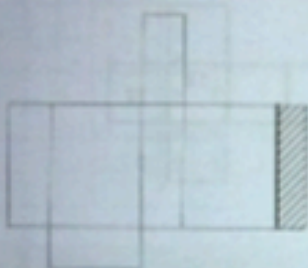
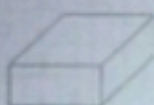


1 Teken de ontvouwing van dit lichaam.



meerdere oplossingen mogelijk

2 Zoek de fout in de ontwikkeling en verbeter ze op de figuur.



3 Plaats de letters op de juiste plaats in de ontvouwing. Kijk goed naar de foto's.



ontvouwing:

