

Werkkaart 2015-6AO-00002

OMTREK

Gebruik 'n formule om die omtrek te bereken.

(1)



4 x lengte



(2 x lengte) + (2 x breedte)

of

2 x (lengte + breedte)

**NIE VOLGENS SKAAL
GETEKEN NIE**

(2) Bereken die omtrek van die figure deur die regte formules te gebruik.

(a) Vierkant



8 cm

Omtrek = 4 x lengte

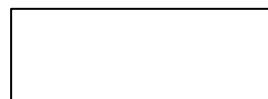
= 4 x 8 cm

= 32 cm

(b) Reghoek

6 cm

3 cm



Omtrek = 2 x lengte + 2 x breedte

= 2 x 6 cm + 2 x 3 cm

= 12 cm + 6 cm

= 18 cm

(c) Vierkant

36 cm



Omtrek = 4 x lengte

= 4 x 36 cm

= 144 cm

(d) Vierkant

45 mm



Omtrek = 4 x lengte

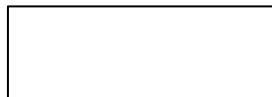
= 4 x 45 cm

= 180 cm

(e) Reghoek

13 cm

7 cm



Omtrek = 2 x lengte + 2 x breedte

= 2 x 13 cm + 2 x 7 cm

= 26 cm + 14 cm

= 40 cm

(f) Vierkant

25 mm

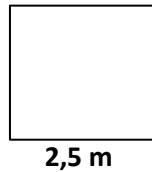


Omtrek = 4 x lengte

= 4 x 25 cm

= 100 cm

(g) Vierkant

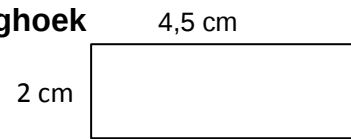


$$\text{Omtrek} = 4 \times \text{lengte}$$

$$= 4 \times 2,5 \text{ cm}$$

$$= 10 \text{ cm}$$

(h) Reghoek



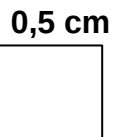
$$\text{Omtrek} = 2 \times \text{lengte} + 2 \times \text{breedte}$$

$$= 2 \times 2 \text{ cm} + 2 \times 4,5 \text{ cm}$$

$$= 4 \text{ cm} + 9 \text{ cm}$$

$$= 13 \text{ cm}$$

(i) Vierkant

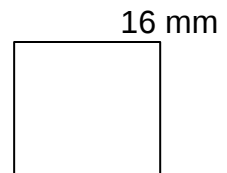


$$\text{Omtrek} = 4 \times \text{lengte}$$

$$= 4 \times 0,5 \text{ cm}$$

$$= 2 \text{ cm}$$

(j) Vierkant

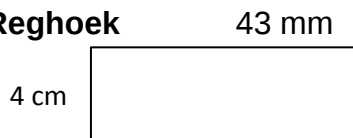


$$\text{Omtrek} = 4 \times \text{lengte}$$

$$= 4 \times 16 \text{ mm}$$

$$= 64 \text{ mm}$$

(k) Reghoek



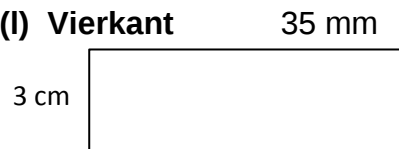
$$\text{Omtrek} = 2 \times \text{lengte} + 2 \times \text{breedte}$$

$$= 2 \times 43 \text{ mm} + 2 \times 40 \text{ mm}$$

$$= 86 \text{ mm} + 80 \text{ mm}$$

$$= 166 \text{ mm}$$

(l) Vierkant



$$\text{Omtrek} = 2 \times \text{lengte} + 2 \times \text{breedte}$$

$$= 2 \times 35 \text{ mm} + 2 \times 30 \text{ mm}$$

$$= 70 \text{ mm} + 60 \text{ mm}$$

$$= 130 \text{ mm}$$