

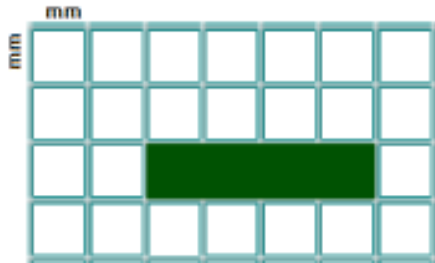


# Drukbare assessering CAMI Wiskunde: Graad 6

## Omtrek, volume en oppervlakte

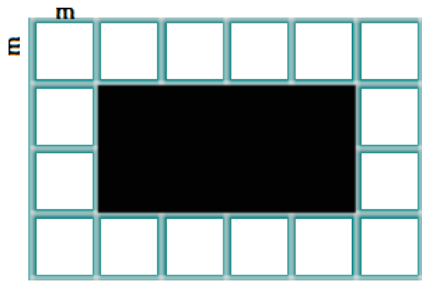
1. Bereken die omtrek van die gegewe figure.

(a)



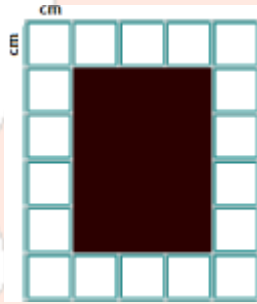
Omtrek = ..... mm

(b)



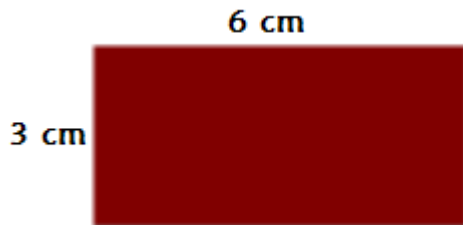
Omtrek = .....m

(c)



Omtrek = ..... mm

(d)



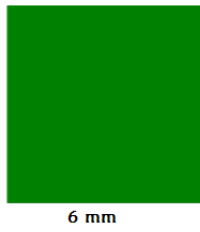
Omtrek = ..... cm

2. Bereken die oppervlakte van die gegewe figure.



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(a)



6 mm

Oppervlakte = .....mm<sup>2</sup>

(b)



5 m

9 m

Oppervlakte = .....m<sup>2</sup>

### 3. Volume van gegewe voorwerpe.

(a) Wat is die volume van die stapel?



..... kubieke blokkies

(b) Wat is die volume van die stapel?



..... kubieke blokkies

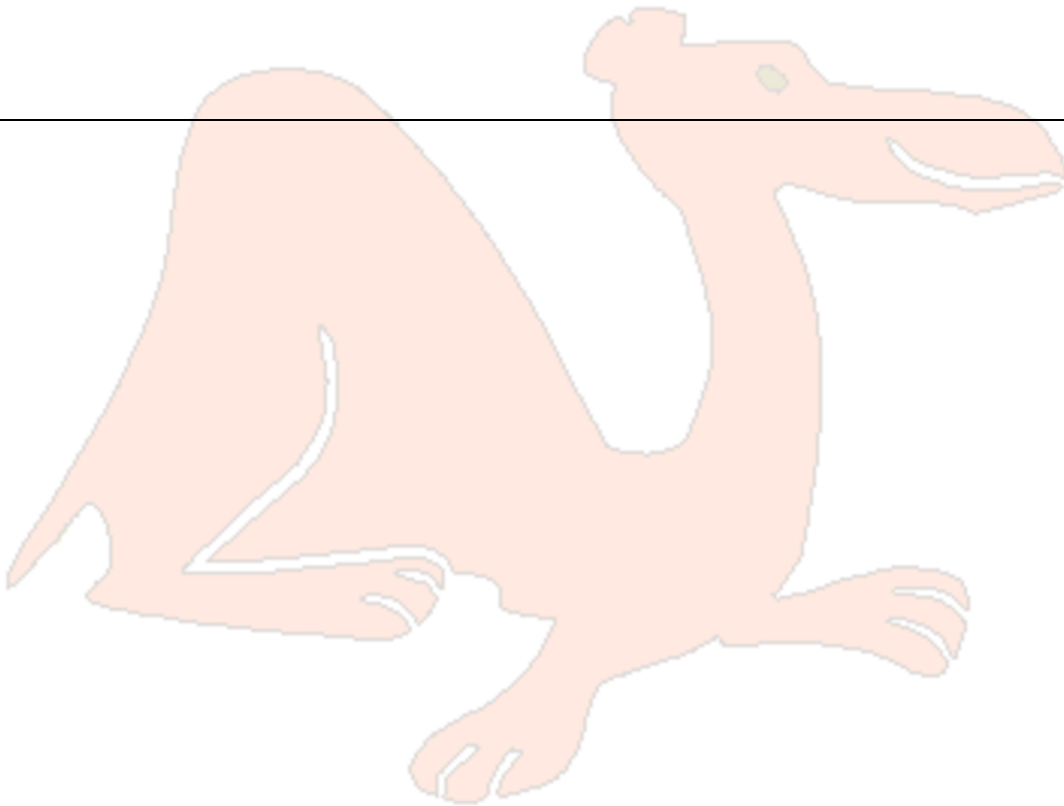


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(c) Hoeveel kubieke blokkies word benodig om die houer te vul?



..... kubieke blokkies





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### MEMO

#### 1. Omtrek [9.3.1.6; 9.3.1.7; 2.3.5.2]

(a) Omtrek =  $2 \times (4 \text{ mm} + 1 \text{ mm})$   
=  $2 \times (5 \text{ mm})$   
= 10 mm

(b) Omtrek =  $2 \times (4 \text{ m} + 2 \text{ m})$   
=  $2 \times (6 \text{ m})$   
= 12 mm

(c) Omtrek =  $2 \times (4 \text{ cm} + 3 \text{ cm})$   
=  $2 \times (40 \text{ mm} + 30 \text{ mm})$   
= 140 mm

(d) Omtrek =  $2 \times (6 \text{ cm} + 3 \text{ cm})$   
=  $2 \times (9 \text{ cm})$   
= 18 cm

#### 2. Oppervlakte [9.3.2.5]

(a) Oppervlakte = lengte  $\times$  breedte  
=  $6 \text{ mm} \times 6 \text{ mm}$   
=  $36 \text{ mm}^2$

(b) Oppervlakte = lengte  $\times$  breedte  
=  $9 \text{ m} \times 5 \text{ m}$   
=  $45 \text{ m}^2$

#### 3. Volume [9.5.1.3]

- (a) 6 kubieke blokkies  
(b) 10 kubieke blokkies  
(c) 3 kubieke blokkies

