

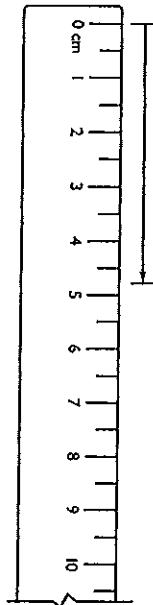
## Length and perimeter

Name: \_\_\_\_\_

### All Multiple Choice

- The most suitable unit to measure the width of a classroom desk is:
  - milligrams
  - millimetres
  - centimetres
  - metres
- The most suitable unit to measure the distance of your school from the centre of your city is:
  - millimetres
  - centimetres
  - metres
  - kilometres
- The most appropriate tool to measure the length of your finger is:
  - a 10-cm mini ruler
  - a 40-m flexible tape measure
  - the odometer of a car
  - a trundle wheel

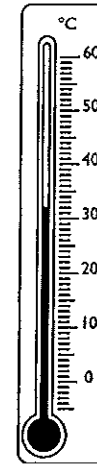
4



The length indicated by the arrow in the figure above is:

- 0.48 cm
- 4.7 cm
- 4.8 cm
- 48 cm

5



The value shown on the above scale is:

- 25°C
- 30°C
- 32°C
- 35°C

6



The length of the line shown above, to the nearest centimetre, is:

- 5 cm
- 6 cm
- 7 cm
- 8 cm

7 60 cm is equal to:

- 6 mm
- 60 mm
- 600 mm
- 6000 mm

8 450 m is equal to:

- 0.45 km
- 4.5 km
- 45 km
- 450 km

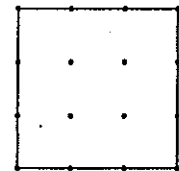
9 75 m is equal to:

- 75 mm
- 750 mm
- 7500 mm
- 75 000 mm

10 Hans is stacking four books. If the height of the books are 2.3 cm, 30 mm, 4.1 cm and 33 mm, the total height when the books are stacked on top of each other is:

- 12.7 mm
- 69.4 mm
- 12.7 cm
- 38.3 cm

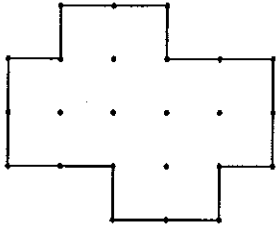
11



The perimeter of the shape above (in which the dots are one centimetre apart) is:

- 3 cm
- 6 cm
- 9 cm
- 12 cm

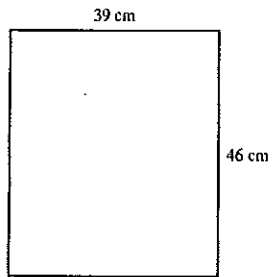
12



The perimeter of the above shape (in which the dots are one centimetre apart) is:

- A 14 cm
- B 18 cm
- C 20 cm
- D 22 cm

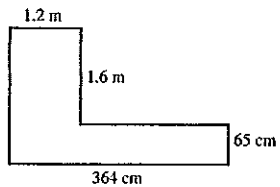
13



The perimeter of the shape above is:

- A 85 cm
- B 127 cm
- C 170 cm
- D 184 cm

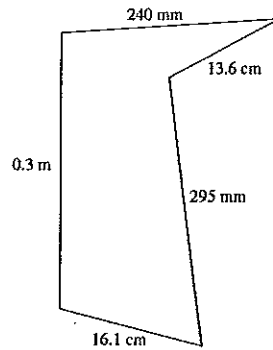
14



The perimeter of the above shape (in metres) is:

- A 2.8 m
- B 7.09 m
- C 8.04 m
- D 11.78 m

15



The perimeter of the above shape (in centimetres) is:

- A 83.5 cm
- B 97.1 cm
- C 113.2 cm
- D 361.6 cm

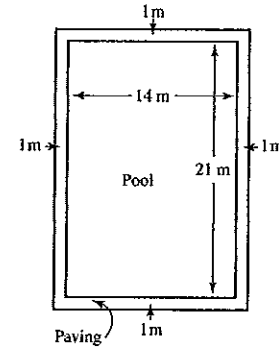
16 A rectangular cake has side lengths of 13 cm and 25 cm. Its perimeter measures:

- A 38 cm
- B 51 cm
- C 63 cm
- D 76 cm

17 Each side of an equilateral triangle has a length of 4 m. The perimeter of the triangle is:

- A 4 m
- B 8 m
- C 12 m
- D 16 m

18 A rectangular pool measures 14 m by 21 m.



The perimeter of the pool is:

- A 35 m
- B 42 m
- C 56 m
- D 70 m

19 A paving border is to be put around the pool in question 18. If the paving is 1 m wider than the pool, then the difference between the perimeter of the paving and the perimeter of the pool is:

- A 2 m
- B 4 m
- C 8 m
- D 12 m

20 A rectangular book has a perimeter of 42 cm. Its dimensions could only be:

- A 3 cm and 18 cm
- B 5 cm and 20 cm
- C 2 cm and 40 cm
- D 6 cm and 7 cm

## Length and perimeter

Name: \_\_\_\_\_

1 Name the units which would be the most suitable for measuring the following. More than one answer is possible.

- (a) The height of a hot air balloon above the ground
- (b) The height of a plane above the ground
- (c) The length of a bed
- (d) The width of a shoe lace

2 Give two examples of something that would be best measured in:

- (a) centimetres
- (b) metres

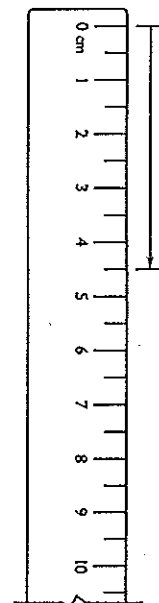
3 State whether the following are true or false.

- (a) The hours of sleep a person has in one night would be best measured in metres.
- (b) The length of a giraffe's neck would be best measured in metres.
- (c) The width of a computer screen would be best measured in metres.
- (d) The length of a skipping rope would be best measured in millimetres.

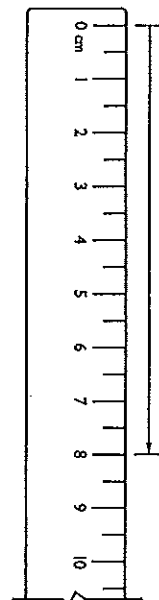
4 Kilometres are a larger metric unit of measurement than metres. State whether this is true or false.

5 State the length which is indicated by the arrow in each case.

(a)

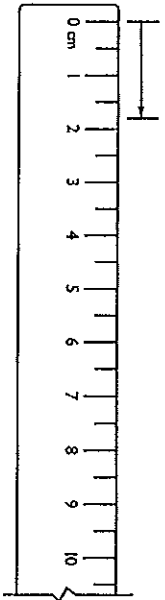
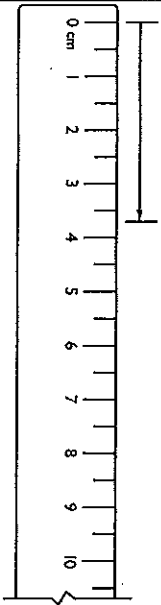
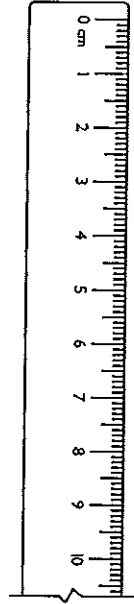


(b)



(c)

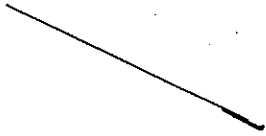
- 6 Draw an arrow to show 5.2 cm on the ruler below.



(d)

7 Measure each of the following to the nearest centimetre.

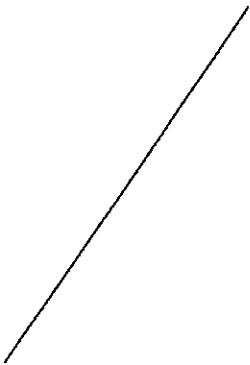
(a)



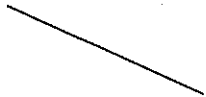
(b)



(c)

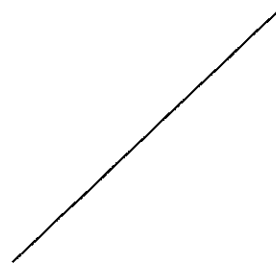


(d)

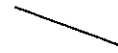


8 Measure each of the following as accurately as you can to the nearest millimetre.

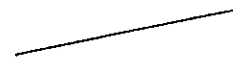
(a)



(b)



(c)



(d)



9 Construct lines of the lengths given.

- (a) 4 cm
- (b) 12 cm
- (c) 7 cm
- (d) 3.6 cm

10 Construct lines of the lengths given.

- (a) 33 mm
- (b) 17 mm
- (c) 90 mm
- (d) 42 mm

Length and perimeter

*V. Good!  
check corrections!*

Name: Cameron Starkey-Gill

All Multiple Choice

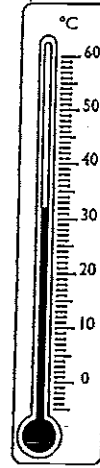
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 B millimetres  
 C centimetres  
 D metres
- The most suitable unit to measure the distance of your school from the centre of your city is:  
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- The most appropriate tool to measure the length of your finger is:  
 A a 10-cm mini ruler  
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 C the odometer of a car  
 D a trundle wheel

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- The length indicated by the arrow in the figure above is:
- A 0.48 cm
  - B 4.7 cm
  - C 4.8 cm
  - D 48 cm

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- The value shown on the above scale is:
- A 25°C
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- The length of the line shown above, to the nearest centimetre, is:
- A 5 cm
  - B 6 cm
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7

- 60 cm is equal to:
- A 6 mm
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- 450 m is equal to:
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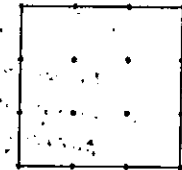
9

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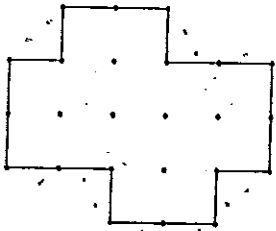
10

- Hans is stacking four books. If the height of the books are 2.3 cm, 30 mm, 4.1 cm and 33 mm, the total height when the books are stacked on top of each other is:
- A 12.7 mm
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  - C 12.7 cm
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11

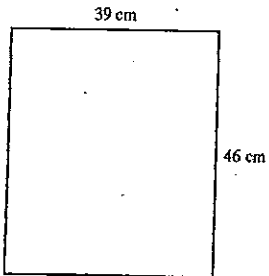


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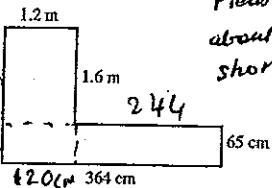
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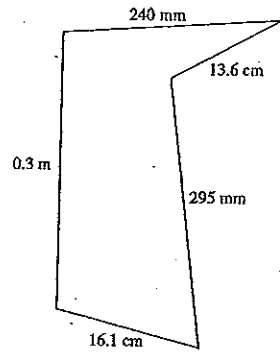


*Please use me about a shortcut!*

The perimeter of the above shape (in metres) is:

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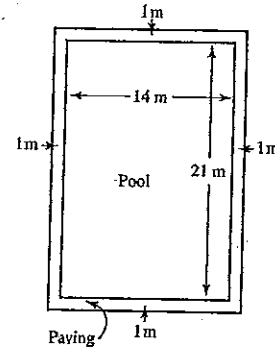
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# Length and perimeter

Name: \_\_\_\_\_

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- (a) The height of a hot air balloon above the ground *m, km ✓*
- (b) The height of a plane above the ground *km, m ✓*
- (c) The length of a bed *cm ✓*
- (d) The width of a shoe lace *mm ✓*

2 Give two examples of something that would be best measured in:

- (a) centimetres *ruler, book ✓*
- (b) metres *height of a building, length of a track*

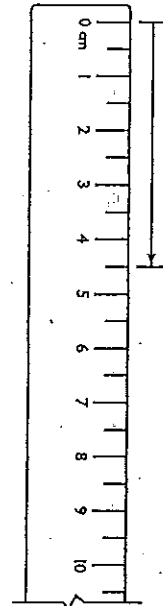
3 State whether the following are true or false.

- (a) The hours of sleep a person has in one night would be best measured in metres. *F ✓*
- (b) The length of a giraffe's neck would be best measured in metres. *T X*
- (c) The width of a computer screen would be best measured in metres. *F ✓*
- (d) The length of a skipping rope would be best measured in millimetres. *F ✓*

4 Kilometres are a larger metric unit of measurement than metres. State whether this is true or false. *T ✓*

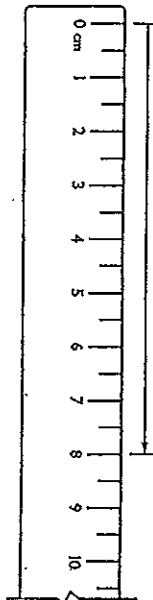
5 State the length which is indicated by the arrow in each case.

(a)



*4.5 cm ✓*

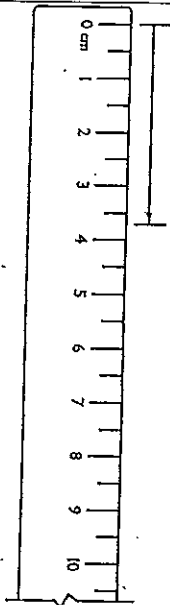
(b)



*8 cm ✓*

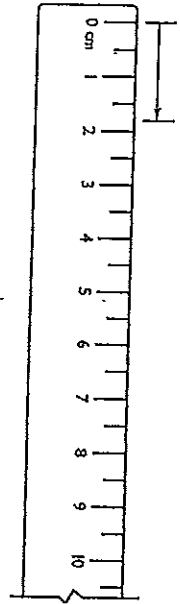
(c)





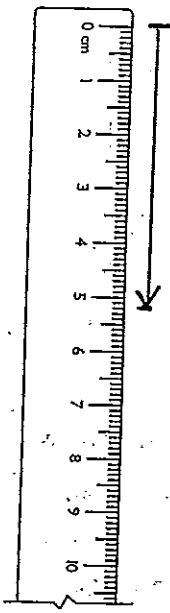
3.7 cm ✓

(d)



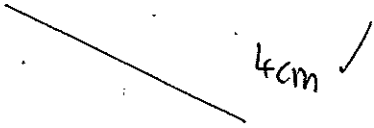
1.8 cm ✓

6 Draw an arrow to show 5.2 cm on the ruler below.

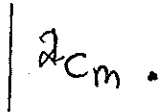


7 Measure each of the following to the nearest centimetre.

(a)



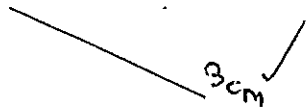
(b)



(c)

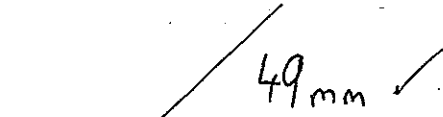


(d)

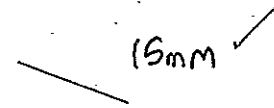


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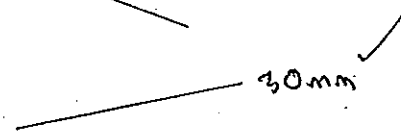
(a)



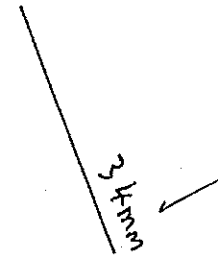
(b)



(c)



(d)



9 Construct lines of the lengths given.

(a) 4 cm

(b) 12 cm

(c) 7 cm

(d) 3.6 cm

a)



d)



(c)

10 Construct lines of the lengths given.

(a) 33 mm

(b) 17 mm

(c) 90 mm

(d) 42 mm

a)



b)



c)



d)

