Test Yourself   Chapter 8 Length and perimeter
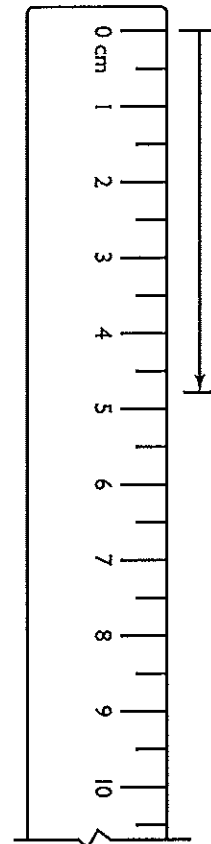
Name: _____

All Multiple Choice

1   The most suitable unit to measure the
width of a classroom desk is:
A   milligrams
B   millimetres
C   centimetres
D   metres

2   The most suitable unit to measure the
distance of your school from the centre
of your city is:
A   millimetres
B   centimetres
C   metres
D   kilometres

3   The most appropriate tool to measure
the length of your finger is:
A   a 10-cm mini ruler
B   a 40-m flexible tape measure
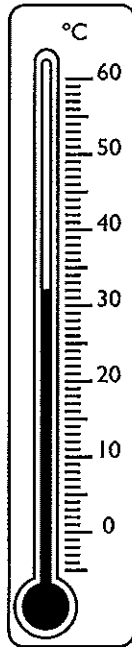C   the odometer of a car
D   a trundle wheel

4

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

5

The value shown on the above scale is:

A   25°C
B   30°C
C   32°C
D   35°C

6

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

A   5 cm
B   6 cm
C   7 cm
D   8 cm

7   60 cm is equal to:
A   6 mm
B   60 mm
C   600 mm
D   6000 mm

8   450 m is equal to:
A   0.45 km
B   4.5 km
C   45 km
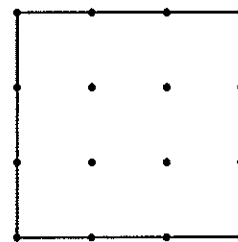D   450 km

9   75 m is equal to:
A   75 mm
B   750 mm
C   7500 mm
D   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:
A   12.7 mm
B   69. 4 mm
C   12. 7 cm
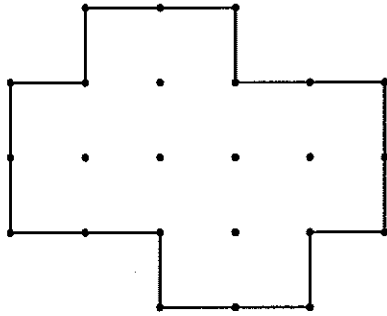D   38.3 cm

11

The perimeter of the shape above (in which the dots are one centimetre apart) is:
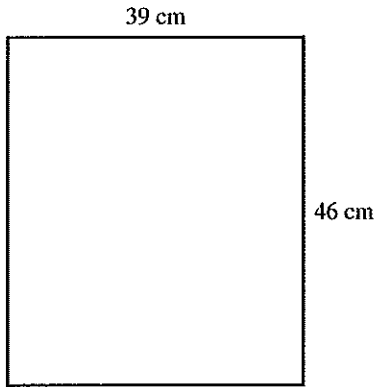A   3 cm
B   6 cm
C   9 cm
D   12 cm

12

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

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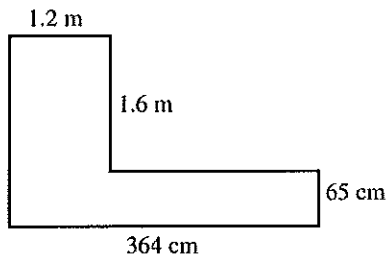C   20 cm
D   22 cm

13

39 cm

46 cm

The perimeter of the shape above is:

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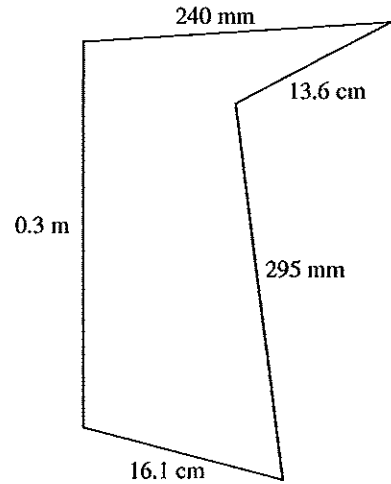B   127 cm
C   170 cm
D   184 cm

14

1.2 m

1.6 m

65 cm

364 cm

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

240 mm

13.6 cm

0.3 m

295 mm

16.1 cm

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

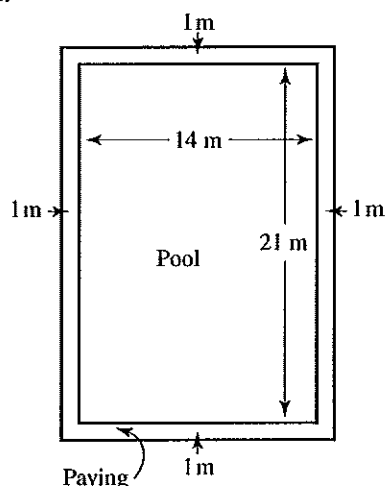**16**   A rectangular cake has side lengths of 13 cm and 25 cm. Its perimeter measures:

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

Test Yourself   Chapter 8 Length and perimeter

Name: _____

All Multiple Choice

1 The most suitable unit to measure the width of a classroom desk is:
- A   milligrams
- B   millimetres
- C   centimetres
- D   metres

2 The most suitable unit to measure the distance of your school from the centre of your city is:
- A   millimetres
- B   centimetres
- C   metres
- D   kilometres

3 The most appropriate tool to measure the length of your finger is:
- A   a 10-cm mini ruler
- B   a 40-m flexible tape measure
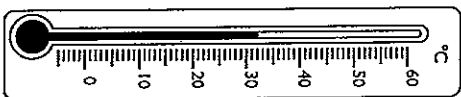- C   the odometer of a car
- D   a trundle wheel

4 C

_____

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

---

5 C

The value shown on the above scale is:
- A   25°C
- B   30°C
- C   32°C
- D   35°C

6 D

_____

The length of the line shown above, to the nearest centimetre, is:
- A   5 cm
- B   6 cm
- C   7 cm
- D   8 cm

7 60 cm is equal to: C
- A   6 mm
- B   60 mm
- C   600 mm
- D   6000 mm

8 450 m is equal to: A
- A   0.45 km
- B   4.5 km
- C   45 km
- D   450 km

9 75 m is equal to: D
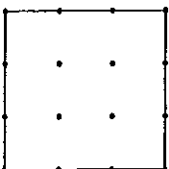- A   75 mm
- B   750 mm
- C   7500 mm
- D   75 000 mm

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:
- A   12.7 mm
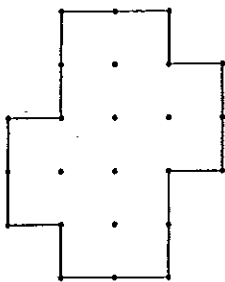- B   69.4 mm
- C   12.7 cm
- D   38.3 cm

11 D

The perimeter of the shape above (in which the dots are one centimetre apart) is:
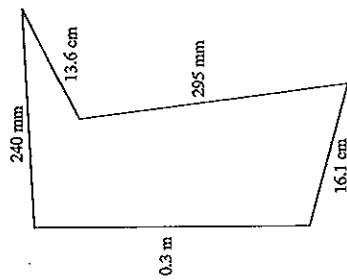- A   3 cm
- B   6 cm
- C   9 cm
- D   12 cm

12

B

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

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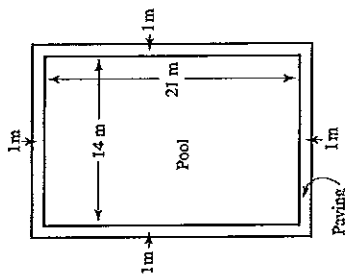C   20 cm
D   22 cm

13

C

The perimeter of the shape above is:

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

14

D

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

C

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

D

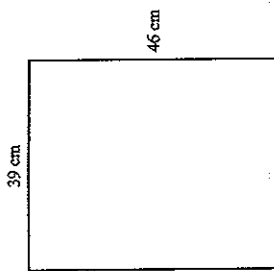**17**   Each side of an equilateral triangle has a length of 4 m. The perimeter of the triangle is:

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

C

---

18   A rectangular pool measures 14 m by 21 m.

D

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

C

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
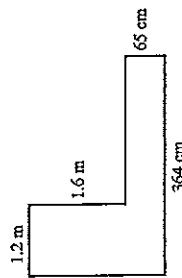C   2 cm and 40 cm
D   6 cm and 7 cm

A