

Grade 7 measurement test

NAME	DATE	SCORE / 7
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Answer each question. Show your work.

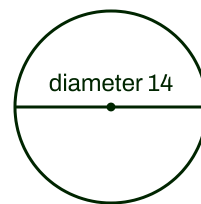
- 1 Leo rides a bike for 24 kilometres in 2 hours. What is Leo's average speed, in kilometres per hour?

- 2 A round pond has a circumference of 12π metres. What is the diameter, in metres, of the pond?

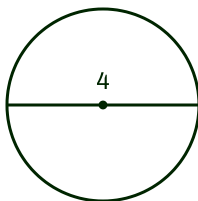
- 3 A box is 9 cm long, 4 cm wide and 5 cm high. How much sand fills the box?

- ☐ 180 cubic centimetres
☐ 202 square centimetres
☐ 202 cubic centimetres
☐ 180 square centimetres

- 4 The area of the circle shown below is π square units. What number goes in the box?

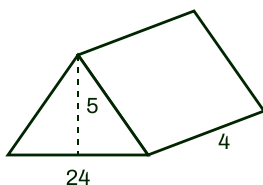


- 5 The circle below is measured in centimetres. Its circumference is π centimetres. What number goes in the box?



- 6 A window is a rectangle with a semicircle on top. The rectangle is 2 metres wide and 5 metres tall. The diameter of the semicircle is the top of the rectangle. Use 3.14 for π . What is the area, in square metres, of the window?

- 7 The prism below is measured in centimetres. Each slanted side of its triangle is 13 centimetres. What is the surface area, in square centimetres, of the prism?



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1 12

4 49

7 320

2 12

5 4

3 180 cubic centimetres

6 11.57