

Grade 7 measurement test

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

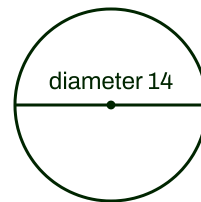
- 1** Leo rides a bike for 24 kilometers in 2 hours. What is Leo's average speed, in kilometers per hour?

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

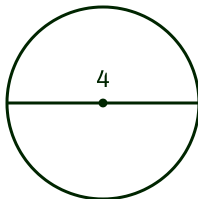
- 3** A box is 9 cm long, 4 cm wide and 5 cm high. How much sand fills the box?

- ☐ 180 cubic centimeters
☐ 202 square centimeters
☐ 202 cubic centimeters
☐ 180 square centimeters

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

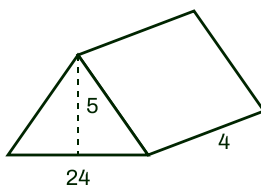


- 5** The circle below is measured in centimeters. Its circumference is π centimeters. What number goes in the box?



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

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



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1	12	2	12	3	180 cubic centimeters
4	49	5	4	6	11.57
7	320				