

# Grade 5 measurement test

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| NAME | DATE | SCORE / 8 |
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Answer each question. Show your work.

- 1 Write 631 cm in metres.

- 2 A tank is 9 cm long, 3 cm wide and 2 cm high. What is the volume, in cubic centimetres, of the tank?

- 3 A full jug holds 2 litres of juice. Ana pours 4 glasses of juice, with 300 millilitres in each glass. How many millilitres of juice are left in the jug?

- 4 The base of a prism has an area of 33 square centimetres. The prism is 5 centimetres high. What is the volume, in cubic centimetres, of the prism?

- 5 A rectangular board is  $\frac{2}{3}$  m long and  $\frac{1}{3}$  m wide. What is the area, in square metres, of the board?

- 6 Ben is mailing a letter, and the cost depends on the mass of the letter. Which is the best way to measure?
- ☐ A kitchen scale, to the nearest gram  
☐ A ruler, to the nearest centimetre  
☐ A measuring cup, to the nearest millilitre  
☐ A bathroom scale, to the nearest kilogram

- 7 A solid is made of two rectangular prisms that do not overlap. One prism is 6 cm by 6 cm by 3 cm. The other prism is 3 cm by 6 cm by 2 cm. What is the volume, in cubic centimetres, of the solid?

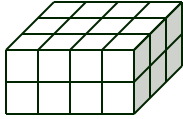
- 8 Emma measures the water in a jug to the nearest 100 millilitres and gets 800 mL. Which best describes the real amount of water in the jug?
- ☐ Between 800 mL and 900 mL  
☐ Between 700 mL and 900 mL  
☐ Exactly 800 mL  
☐ Between 750 mL and 850 mL



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Answer each question. Show your work.

- 9 The solid below is built from unit cubes with no gaps. What is the volume, in cubic units, of the solid?



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# Grade 5 measurement test

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|---|------|---|---------------------------|---|--------------------------------------|
| 1 | 6.31 | 2 | 54                        | 3 | 800                                  |
| 4 | 165  | 5 | $\frac{2}{9}$             | 6 | A kitchen scale, to the nearest gram |
| 7 | 144  | 8 | Between 750 mL and 850 mL | 9 | 24                                   |