

Grade 5 measurement test

NAME	DATE	SCORE / 8
------	------	-----------

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

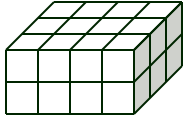
- 7 A solid is made of two rectangular prisms that do not overlap. One prism is 6 cm by 6 cm by 3 cm. The other prism is 3 cm by 6 cm by 2 cm. What is the volume, in cubic centimetres, of the solid?

- 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

NAME	DATE	SCORE /1
------	------	----------

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?



--

Grade 5 measurement test

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