Grade 5 HBC Mathematics

Thursday 8 October 2026

Volume & Capacity (2) – Capacity & 1 cm3=1 ml Cuboid

Section A: Knowledge and Comprehension (Questions 1–5)

1. Complete the conversion rule: 1 cm3= _____ ml. *(1 mark)*
2. State how many millilitres are equal to 1 Litre. *(1 mark)*

   Answer: _____ ml
3. A rectangular container has a calculated volume of 450 cm3. State its capacity in millilitres. *(1 mark)*

   Answer: _____ ml
4. Convert 2500 ml into Litres. *(1 mark)*

   Answer: _____ L
5. True or False: A container with a volume of 1000 cm3 can hold exactly 1 Litre of liquid. *(1 mark)*

   Answer: _____

Section B: Application, Analysis, and Synthesis (Questions 6–10)

6. A small rectangular juice box measures 10 cm long, 5 cm wide, and 8 cm high. Calculate its volume in cm3, and state its capacity in millilitres. *(2 marks)*

   Answer: Volume = _____ cm3; Capacity = _____ ml
7. A fish tank has internal dimensions of 40 cm length, 25 cm width, and 20 cm height. Calculate its capacity in Litres. *(2 marks)*

   Answer: _____ L
8. A container holds 3.5 L of water. What is the volume of this water expressed in cm3? *(2 marks)*

   Answer: _____ cm3
9. A school container holds 2000 ml of drinking water. How many 200 ml cups can be completely filled from this container? *(2 marks)*

   Answer: _____ cups
10. A rectangular mold has dimensions 12 cm×10 cm×5 cm. If liquid is poured in until it is half-full, calculate the volume of the liquid inside in millilitres. *(2 marks)*

    Answer: _____ ml

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