WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Capacity and Volume - Worksheet 3

Grade 4 | Mathematics | Ch 12: Capacity and Volume | Total Marks: 19 | Time: 30 Minutes

Student Name: _____ **Roll / ID No:** _____

Grade / Section: _____ **Date:** _____ **Score:** _____ / 19

Instructions: Section A (Q1-Q4): Choose the correct option (A, B, C, or D). Section B (Q5-Q9): Write your exact one-word or numerical answer. Section C & D (Q10-Q15): Write your detailed answers, corrections, and show all working steps neatly in the space provided.

Q1. How many millilitres (mL) are in 4 litres (L)? [1 Mark]

( ) A. 4,000 mL
( ) B. 400 mL
( ) C. 40,000 mL
( ) D. 40 mL

Q2. Convert 3000 mL into litres and millilitres: [1 Mark]

( ) A. 3 L 0 mL
( ) B. 30 L
( ) C. 4 L
( ) D. 0 L

Q3. Which metric unit is most appropriate for measuring the capacity of a medicine dose spoon? [1 Mark]

( ) A. Millilitres (mL)
( ) B. Litres (L)
( ) C. Kilolitres (kL)
( ) D. Grams (g)

Q4. A measuring jug contains 1 litre and 450 mL of orange juice. How many total mL is this? [1 Mark]

( ) A. 1,450 mL
( ) B. 145 mL
( ) C. 1,045 mL
( ) D. 14,500 mL

Q5. At the Greenhouse Plant Irrigation, staff pour 6 cups of water, each holding 500 mL. What is the total volume of water poured? [1 Mark]

Q6. A watering can holds 6 litres of water. A gardener uses 2 L 400 mL for roses and 1 L 800 mL for ferns. How much water remains in the can? [1 Mark]

Q7. A bottle contains 2 litres of apple juice. If four children share the juice equally, how many millilitres does each child receive? [1 Mark]

Q8. Find the missing capacity: 3 L 250 mL + [?] mL = 4 L **[1 Mark]**

Q9. How many 200 mL cups are needed to completely empty a full 1-litre bottle? **[1 Mark]**

Q10. A student writes: '2 litres and 5 millilitres in mL is 2,500 mL.' What is the **[1 Mark]**
student's error?

Q11. Sam reads a measuring jug from above looking downward and records 400 mL. At **[1 Mark]**
exact eye level, the liquid actually sits at 350 mL. What caused Sam's inaccurate reading?

Q12. Why does dropping a solid stone into a graduated cylinder filled with water cause **[2 Marks]**
the water level to rise?

Q13. A tall, narrow glass and a short, wide bowl both hold exactly 500 mL of juice. **[2 Marks]**
How is this possible?

Q14. A teapot holds 1 litre 800 mL of tea. Grandma pours four 250 mL cups of tea for **[2 Marks]**
guests. How much tea is left in the teapot?

Q15. An aquarium filter pumps 15 litres of water every minute. How many litres of **[2 Marks]**
water will the filter process in 1 hour?