WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Capacity and Volume: Worksheet 4

Grade 5 | Mathematics | Ch 14: Capacity and Volume | Total Marks: 19 | Time: 45 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. Convert 8 liters into milliliters. [1 Mark]

( ) A. 8,000 mL
( ) B. 800 mL
( ) C. 80,000 mL
( ) D. 800 mL

Q2. How many liters and milliliters are in 4,820 milliliters? [1 Mark]

( ) A. 4 L 820 mL
( ) B. 48 L 20 mL
( ) C. 4 L 82 mL
( ) D. 482 L

Q3. What is the volume of a rectangular aquarium measuring 40 cm long, 25 cm wide, and [1 Mark]
20 cm deep in cubic centimeters?

( ) A. 20,000 cmÂ³
( ) B. 10,000 cmÂ³
( ) C. 2,000 cmÂ³
( ) D. 85 cmÂ³

Q4. How many 250 mL cups of juice can be poured from a 2-liter bottle? [1 Mark]

( ) A. 8 cups
( ) B. 6 cups
( ) C. 10 cups
( ) D. 4 cups

Q5. At the Eco-Friendly Solar Park, a water reservoir holds 15,000 liters. During [1 Mark]
maintenance, 4,650 liters were drained in the morning and 3,850 liters in the afternoon. How many liters of water remain in the reservoir?

Q6. A nurse administers 15 mL of liquid medicine to a patient 3 times a day. How much [1 Mark]
medicine is administered over a full 7-day week?

Q7. An oil tank contains 8 L 400 mL of cooking oil. If 2 L 750 mL is poured out for [1 Mark]
frying, how much oil remains in the tank?

Q8. Complete the capacity equation: 6 L 50 mL = [?] milliliters. **[1 Mark]**

Q9. Find the missing volume to fill a 1-liter jug: 340 mL + [?] mL = 1,000 mL. **[1 Mark]**

Q10. A student says: '3.5 liters is 350 milliliters.' Explain the error and state the correct milliliter volume. **[1 Mark]**

Q11. Maya writes: '1 liter equals 100 milliliters.' Correct Maya's conversion rule. **[1 Mark]**

Q12. Explain the relationship between 1 cubic centimeter (1 cmÂ³) and 1 milliliter (1 mL) of liquid. **[2 Marks]**

Q13. If Container A is tall and narrow while Container B is short and wide, why can both hold the exact same capacity of water? **[2 Marks]**

Q14. A rectangular fish tank is 50 cm long, 30 cm wide, and 40 cm tall. If it is filled with water up to a depth of 35 cm, how many liters of water are inside? (Hint: 1,000 cmÂ³ = 1 L). **[2 Marks]**

Q15. A leaky faucet drips 5 mL of water every minute. How many liters of water are wasted if the leak drips continuously for 24 hours? **[2 Marks]**