WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Distance and Measurement: Worksheet 3

Grade 5 | Mathematics | Ch 8: Distance and Measurement | 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 9 kilometers into meters. **[1 Mark]**

( ) A. 9,000 m
( ) B. 900 m
( ) C. 90,000 m
( ) D. 900 m

Q2. How many centimeters are in 4.5 meters? **[1 Mark]**

( ) A. 450 cm
( ) B. 45 cm
( ) C. 4,500 cm
( ) D. 405 cm

Q3. Convert 3,850 meters into kilometers and meters. **[1 Mark]**

( ) A. 3 km 850 m
( ) B. 38 km 50 m
( ) C. 3 km 85 m
( ) D. 385 km

Q4. Which measurement unit is most appropriate for measuring the distance between two distant cities? **[1 Mark]**

( ) A. Kilometers
( ) B. Centimeters
( ) C. Millimeters
( ) D. Meters

Q5. At the Harbor Marine Terminal, a walking nature trail is 2 km 650 m long. If a hiker walks the trail twice, what total distance did the hiker cover in meters? **[1 Mark]**

Q6. A highway crew repaved 14 km 300 m of road in week one and 11 km 850 m in week two. What total distance of highway was repaved? **[1 Mark]**

Q7. A spool had 50 meters of electrical wire. An electrician used 32 meters and 45 centimeters. How much wire is left on the spool? **[1 Mark]**

Q8. Fill in the missing value: 5 km 200 m = [?] meters. **[1 Mark]**

Q9. Complete the conversion: 750 cm = [?] m 50 cm. **[1 Mark]**

Q10. Tom converts 2 km 50 m into meters as 2,500 m. What is Tom's mistake and what is the correct number of meters? **[1 Mark]**

Q11. A student says: '1.2 meters is 12 centimeters.' Identify the error and provide the correct conversion. **[1 Mark]**

Q12. Explain why the metric system prefixes (kilo-, centi-, milli-) make unit conversions simpler than non-metric systems. **[2 Marks]**

Q13. A student measures a tabletop using a 30 cm ruler and reports 120.4 cm. Why might measuring a long distance with multiple short ruler placements introduce errors? **[2 Marks]**

Q14. A school 400-meter running track requires runners to complete 12.5 laps. What total distance do the runners cover in kilometers? **[2 Marks]**

Q15. A marathon is 42 km 195 m long. If a runner has completed 28 km 650 m, exactly how much distance remains to reach the finish line? **[2 Marks]**