WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Multiplication and Division: Worksheet 4

Grade 5 | Mathematics | Ch 9: Multiplication and Division | 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. Evaluate: 290 x 20. [1 Mark]

( ) A. 5,800
( ) B. 5,780
( ) C. 5,900
( ) D. 5,700

Q2. Divide: 1,920 / 12. [1 Mark]

( ) A. 160
( ) B. 150
( ) C. 172
( ) D. 165

Q3. What is the remainder when 487 is divided by 15? [1 Mark]

( ) A. 7
( ) B. 5
( ) C. 12
( ) D. 0

Q4. Which multiplication strategy uses the distributive property to solve 24 x 15? [1 Mark]

( ) A. (24 x 10) + (24 x 5)
( ) B. (20 x 10) + (4 x 5)
( ) C. (24 + 10) x 5
( ) D. 24 x 10 x 5

Q5. At the Eco-Friendly Solar Park, an auditorium has 28 rows of seats with 35 seats in each row. What is the total seating capacity? [1 Mark]

Q6. A carton holds 24 bottles of mineral water. If a charity receives 1,560 bottles, how many complete cartons can be packed? [1 Mark]

Q7. A school field trip has 285 students. Each tour bus holds 48 passengers. How many buses must be chartered so every student has a seat? [1 Mark]

Q8. Find the missing factor: 45 x [?] = 1,350. **[1 Mark]**

Q9. Complete the division equation: [?] / 16 = 25. **[1 Mark]**

Q10. A student calculates 304 x 12 as follows: 304 x 10 = 3040, 304 x 2 = 608, sum = 9120. Identify the mistake and write the correct product. **[1 Mark]**

Q11. When dividing 500 by 8, a student writes 'Quotient = 62, Remainder = 8'. What fundamental rule of division was violated? **[1 Mark]**

Q12. Explain why multiplying any number by 25 is equivalent to multiplying by 100 and then dividing by 4. **[2 Marks]**

Q13. Why is division considered the inverse operation of multiplication? Show using 48 / 6 = 8. **[2 Marks]**

Q14. A mystery 3-digit number multiplied by 18 gives a product ending in 0. When divided by 25, the remainder is 0. If the number is between 300 and 350, find the number. **[2 Marks]**

Q15. A warehouse packed 3,420 laptops into crates of 36. If each filled crate sells for $14,400, what is the value of all packed crates? **[2 Marks]**