WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Fractions of a Number: Worksheet 5

Grade 5 | Mathematics | Ch 5: Fractions of a Number | 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. Find 3/4 of 84. **[1 Mark]**

( ) A. 63
( ) B. 42
( ) C. 21
( ) D. 67

Q2. Evaluate 2/5 of 150 km. **[1 Mark]**

( ) A. 60 km
( ) B. 50 km
( ) C. 75 km
( ) D. 40 km

Q3. What is 5/6 of 72? **[1 Mark]**

( ) A. 60
( ) B. 55
( ) C. 64
( ) D. 48

Q4. Calculate 3/8 of 64. **[1 Mark]**

( ) A. 24
( ) B. 16
( ) C. 32
( ) D. 28

Q5. At the Central Botanical Gardens, an orchard harvests 120 baskets of apples. If 3/5 of the baskets are red apples and the rest are green, how many baskets of red apples were harvested? **[1 Mark]**

Q6. A school sports club has 80 members. 5/8 of the members play soccer. How many members play soccer? **[1 Mark]**

Q7. A charity fundraiser collected $360. If 1/4 was spent on venue setup and 1/3 on food, how much total money was spent on these two items? **[1 Mark]**

Q8. Find the mystery quantity: 2/3 of [?] = 18. **[1 Mark]**

Q9. Fill in the missing fraction: [?] of 40 = 25. **[1 Mark]**

Q10. Ben calculates 2/3 of 18 as: '18 / 2 = 9, then 9 x 3 = 27.' What did Ben do wrong **[1 Mark]**
and what is the correct answer?

Q11. Ella writes: '3/4 of 20 is equal to 3/4 + 20 = 20 3/4.' Correct Ella's conceptual **[1 Mark]**
misunderstanding and provide the right answer.

Q12. Explain why finding 1/4 of 48 gives the same result as dividing 48 by 4. **[2 Marks]**

Q13. Show why 3/5 of 50 is equal to (3 x 50) / 5 and explain whether order of **[2 Marks]**
operations matters.

Q14. In a botanical garden, 2/5 of the 150 trees are flowering trees, and 1/3 of the **[2 Marks]**
flowering trees are cherry blossoms. How many cherry blossom trees are there?

Q15. A runner has completed 3/7 of a marathon course and has 24 km remaining. What is **[2 Marks]**
the total length of the marathon course?