WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Fractions: Worksheet 3

Grade 5 | Mathematics | Ch 4: Fractions | 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. Which fraction is equivalent to 4/12? [1 Mark]

( ) A. 1/3
( ) B. 1/4
( ) C. 2/5
( ) D. 3/8

Q2. What is the simplest form of the fraction 18/24? [1 Mark]

( ) A. 3/4
( ) B. 6/8
( ) C. 9/12
( ) D. 2/3

Q3. Which of the following fractions is strictly greater than 1/2? [1 Mark]

( ) A. 5/8
( ) B. 3/8
( ) C. 4/10
( ) D. 2/5

Q4. Convert the improper fraction 17/5 into a mixed number. [1 Mark]

( ) A. 3 2/5
( ) B. 3 1/5
( ) C. 2 7/5
( ) D. 4 2/5

Q5. At the Harbor Marine Terminal bakery, chef prepared 3/8 of a batch of blueberry muffins in the morning and 2/8 in the afternoon. What fraction of the batch was baked in total? [1 Mark]

Q6. A painter uses 7/10 of a bucket of green paint for a garden fence. What fraction of paint remains in the bucket? [1 Mark]

Q7. In a class reading contest, Maya read 2/3 of her novel while Ethan read 3/5 of his identical novel. Who read a greater fraction of the novel? [1 Mark]

Q8. Find the missing numerator: 3/4 = [?] / 20. **[1 Mark]**

Q9. Fill in the missing denominator: 4/7 = 16 / [?]. **[1 Mark]**

Q10. Lucas says: '2/5 + 1/5 = 3/10 because you add the top numbers and add the bottom **[1 Mark]**
numbers.' Identify Lucas's mistake and state the correct sum.

Q11. Sophia claims: '1/3 is larger than 1/2 because 3 is larger than 2.' Explain the **[1 Mark]**
flaw in Sophia's reasoning.

Q12. Explain why 2/3 and 6/9 represent the exact same amount on a number line. **[2 Marks]**

Q13. How do you compare two fractions with different denominators, such as 3/4 and **[2 Marks]**
5/6? Explain the step-by-step method.

Q14. A water jug contains 2 1/4 litres of juice. After guests drink 1 3/4 litres, how **[2 Marks]**
many litres of juice remain?

Q15. Find a fraction that lies strictly between 1/3 and 1/2. **[2 Marks]**