Max’s Magnificent Fractions Challenge

Learning objective: To identify, compare, and calculate fractions, including equivalent fractions and mixed numbers, in line with Class 5 expectations.

Join Max the Monkey as he sorts his fruit stash! Read each question carefully and circle the correct answer or write your response in the space provided.

Answer Key: 1. C, 2. B, 3. True, 4. 4/10, 5. 1 1/4, 6. False, 7. 1/4, 8. 12/5, 9. 3/8, 10. True.

Word bank: numerator · denominator · equivalent · improper · mixed number · simplify

1. 1. Max has 10 bananas. He eats 2. What fraction does he have left in its simplest form? A) 8/10 B) 4/5 C) 4/5* D) 1/5 (1 mark)

2. 2. Which of these fractions is equivalent to 1/3? A) 2/9 B) 3/9* C) 4/10 D) 1/6 (1 mark)

3. 3. True or False: 5/2 is an improper fraction. (True/False) (1 mark)

4. 4. Write 2/5 as a fraction with a denominator of 10. (1 mark)

5. 5. Convert the improper fraction 5/4 into a mixed number. (1 mark)

6. 6. True or False: 3/4 is smaller than 1/2. (True/False) (1 mark)

7. 7. Max finds 8 coins. He gives 2 to Pip. What fraction did he give away in its simplest form? (1 mark)

8. 8. Write 2.4 as an improper fraction. (1 mark)

9. 9. Calculate: 5/8 - 2/8 = ? (1 mark)

10. 10. True or False: To add fractions with the same denominator, you only add the numerators. (True/False) (1 mark)

Draw: Draw a picture of Max the Monkey sharing a large, circular fruit tart divided into 8 equal slices, showing that he has eaten 3 slices.

Extension challenge: Max has £10.00. He spends 3/5 of his money on a new puzzle book. How much money does he have left? Show your working out!