Max’s Market Stall: A Fraction Adventure

Learning objective: To identify, represent, and compare fractions, including equivalent fractions and fractions of quantities in a real-world shopping context.

Help Max the monkey organise his market stall. Use your knowledge of fractions to illustrate the fruit and price labels correctly. Ensure your drawings are neat and clearly show the fractional parts.

Draw: Create a vibrant market stall scene featuring Max the monkey. On the left, draw a large woven basket filled with 12 circular apples, colouring 9 red and 3 green. On the right, draw a wooden crate containing 20 pears, with 8 clearly marked as 'ripe' (yellow) and 12 marked as 'unripe' (green). Above the produce, draw two price tags: one showing £4.00 for the full punnet of 10 strawberries, and one showing £2.00 for 1/2 of that punnet. Use a clean, illustrative style with bold outlines.

Label words: Numerator · Denominator · Equivalent · Fraction · Whole · Unit fraction

Steps:

1. Draw a set of 12 apples in a basket. Colour 3/4 of them red and the rest green. How many apples are green? Justify your answer.
2. If Max has 20 pears and 2/5 are ripe, calculate the number of ripe pears. Draw these pears in a crate.
3. Max sells 1/2 of a 10-strawberry punnet for £2.00. If he wanted to sell 1/5 of the punnet, what would the

price be? Explain your reasoning.

4. Compare 3/4 and 6/8. Are they equivalent? Use a diagram to prove your answer.

5. Explain why the denominator changes when you simplify a fraction like 4/12 to 1/3.

6. What might happen if Max decided to sell 1/3 of his 12 apples? How many would that be? Show your working.