Max’s Market Stall: A Decimal Discovery

Learning objective: To recognise, write, and compare decimals with tenths and hundredths, and understand their relationship to Australian dollars and cents.

Max the monkey is setting up a fruit stall to practise his maths. Use this 'Stall Planner' to help him price his items and calculate the total cost for his customers. Remember: 100 pence make £1.00, so 1p is the same as £0.01.

Word bank: decimal point · tenths · hundredths · place value · pounds · pence · total · equivalent

1. Item Pricing: Choose three pieces of fruit for Max's stall. Write the price of each item using decimal notation (e.g., £0.75). (3 marks)

2. Place Value Breakdown: Take one of your items. How many tenths and how many hundredths are in that price? Explain what the digit in the tenths column represents. (3 marks)

3. The Customer's Order: A customer buys two items from your list. Show your working out to find the total cost in Australian dollars and cents. (3 marks)

4. Comparing Prices: If another fruit costs £0.82, is it more or less expensive than your most expensive item? Use the > or < symbol to compare them. (2 marks)

5. Problem Solving: Max has a £2.00 coin. If a customer spends £1.45, how much change should Max give back? Write your answer as a decimal. (2 marks)

Extension challenge: Challenge: If Max decides to put all his fruit on sale for half price, can you calculate the new cost of your two items using division?