Max’s Market Stall: A Money Maths Challenge

Learning objective: To solve problems involving the addition and subtraction of money in Australian dollars and cents, and to represent monetary values visually.

Follow the drawing prompt to create Max the Monkey's fruit market stall. Use your drawing to solve the money challenges below. Ensure all prices are clearly labelled on your items.

Draw: Draw a vibrant market scene featuring Max the Monkey standing behind a wooden stall. On the stall, draw three different types of fruit. Above each fruit, draw a small chalkboard sign with a price tag (use values like £1.20, £2.45, or £0.85). In the corner of your page, draw a small 'cash box' and illustrate the coins and notes needed to pay for the items. Use a colourful, clean illustration style.

Label words: £5 note · £1 coin · 50p coin · 20p coin · Total cost · Change · Decimal point

Steps:

1. Max is selling bananas for £1.20 and mangoes for £2.45. If a customer buys one of each, what is the total cost? Show your working out.
2. The customer pays with a £5 note. Calculate the change they should receive. Explain how you arrived at your answer.
3. Label your drawing to show which coins you would use to make exactly £3.70. Justify why you chose this

combination.

4. Compare and contrast: If Max decided to sell the bananas at half-price, how would that change the total cost of the fruit bundle? Explain your reasoning.

5. What might happen to the total cost if Max added a pineapple priced at £1.80 to the bundle? Show the new calculation.

6. Justify your answer: Is it possible to pay for a £4.50 item using only 20p coins? Explain your mathematical reasoning.