

Max's Market Maths Challenge

Learning objective: To solve multi-step problems involving money, including calculating change, finding totals, and comparing prices using decimal notation.

Read each question carefully. Use your knowledge of decimal addition, subtraction, and multiplication to solve these money problems. Show your working out clearly.

Word bank: decimal point · total · change · calculate · pence · pounds · equivalent

1. Max is buying ingredients for a class party. He buys 3 bags of apples at £1.45 each and a bunch of bananas for £2.10. How much does he spend in total? (2 marks)

2. Max hands the shopkeeper a £10 note to pay for his shopping from the previous question. How much change should he receive? (2 marks)

3. A box of pencils costs £4.35. If Kit buys 4 boxes, how much will the total cost be? Show your calculation method. (2 marks)

4. Pip wants to buy a set of bookmarks. Shop A sells them for £6.72 for 3. Shop B sells them for £2.30 each. Which shop is cheaper and by how much per bookmark? (3 marks)

5. Ellie has £20.00. She buys a notebook for £5.95 and a fountain pen for £8.49. Does she have enough money left to buy a pack of postcards costing £5.75? Explain your answer with maths. (3 marks)

Draw: Draw a small market stall run by Max the monkey, featuring items with clear price tags written in pounds and pence (e.g., £2.50, £0.75).



Extension challenge: Imagine you have a budget of £50.00 to organise a picnic for your friends. Write a list of at least five items you would buy, calculate the total cost, and determine how much change you would have left from your £50.00 budget.