

Max's Market Challenge: The Subtraction Stall

Learning objective: To solve multi-step subtraction problems involving money, using formal written methods (column subtraction) and checking calculations.

Max the monkey is managing the fruit stall at the school fair! He needs your help to calculate the change for his customers. Use column subtraction to solve the problems below. Remember to align your decimal points carefully and carry out your exchanges where necessary. Show your working out clearly for every calculation.

Word bank: decimal point · column subtraction · exchange · difference · change · total

1. A customer buys a basket of apples for £4.50 and pays with a £10 note. How much change does Max owe the customer? (2 marks)

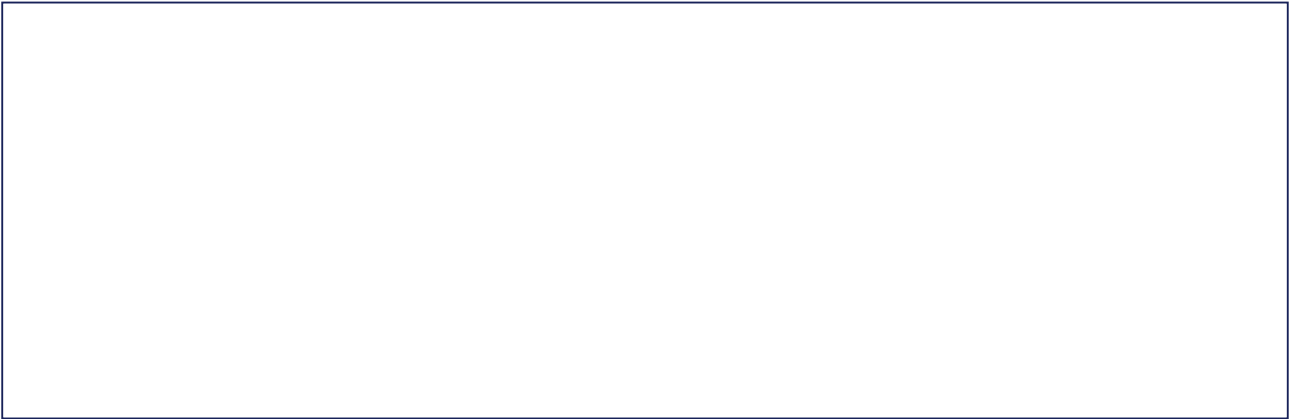
2. The price of a crate of organic bananas is £7.25. If the price is reduced by £1.65 in a flash sale, what is the new price of the bananas? (2 marks)

3. Max starts the day with £50.00 in his cash box. After selling items totalling £12.45, he needs to count his remaining float. How much money should be left in the box if he started with £50.00 and added the £12.45 to the total? (2 marks)

4. A bag of cherries costs £3.85. A customer pays with a £5 note. Max accidentally calculates the change as £2.25. Explain the error Max made. (2 marks)

5. A customer wants to buy a punnet of strawberries for £2.15 and a bag of grapes for £3.40. They pay with a £10 note. Calculate the total cost first, then subtract from £10 to find the change. (2 marks)

Draw: Draw a fruit stall with Max the monkey holding a calculator. Show a sign on the stall that lists the prices of fruit using decimal notation (e.g., £2.50).



Extension challenge: Create your own 'Market Receipt' challenge. Write a word problem involving three different fruit prices and a payment amount that requires at least two exchanges during your subtraction calculation.