

Max's Market Adventure

Learning objective: To add numbers with up to four digits using formal written methods (column addition), including money contexts.

Read the story below and use your column addition skills to help Max solve his shopping puzzles. Show your working out clearly.

Max the monkey is visiting the local market to buy supplies for his friends. He has a list of items to collect. First, he buys a bag of crunchy apples for £2.45 and a bunch of bananas for £1.68. Next, he finds a basket of shiny pears costing £3.27 and a punnet of strawberries for £2.54. Finally, Max buys some wildflower seeds for his garden costing £4.85 and a watering can for £3.66.

Word bank: column addition · regrouping · sum · total · place value · carrying

1. What is the total cost of the apples and the bananas combined? (2 marks)

2. Max decides to buy the pears and the strawberries together. Calculate the total cost for these two items. (2 marks)

3. If Max buys the seeds (£4.85) and the watering can (£3.66), what is the sum of these two items? (2 marks)

4. Calculate the total cost of all four pieces of fruit (apples, bananas, pears, and strawberries) added together. (3 marks)

5. Max starts with a £20 note. Does he have enough money to buy all six items on his list? Show your calculation to prove your answer. (3 marks)

Draw: Draw a picture of Max the monkey at the market, showing the prices of the fruit he is buying as labels on the baskets.



Extension challenge: Max finds a special item that costs £5.99. If he adds this to his current total of all six items, what would the new grand total be? Explain how you used column addition to find this.