

Max's Market Maths Challenge

Learning objective: To add two 3-digit numbers using formal written methods (column addition).

Max the monkey is helping at the local produce stall today! Use your addition skills to help him calculate the total costs for his customers. Remember to line up your hundreds, tens, and ones columns carefully. If you need to exchange ten ones for one ten, or ten tens for one hundred, show your 'carrying' digits clearly at the top of your columns.

Word bank: total · sum · altogether · column addition · exchange · digit · value

1. The Fruit Stall: A customer buys a box of apples for £145 and a box of pears for £236. Write down the calculation and find the total cost. (2 marks)

2. The Vegetable Basket: Max finds a bag of carrots costing £128 and a bag of potatoes costing £354. Calculate the sum of these two items. (2 marks)

3. The Berry Special: A punnet of strawberries is £279 and a punnet of blueberries is £165. How much do they cost altogether? (2 marks)

4. Explain your method: In your own words, describe why it is important to start adding from the ones column when using column addition. (2 marks)

5. The Challenge: Create your own addition word problem using two prices over £200. Write the question and solve it below. (3 marks)

Extension challenge: If you have finished, try adding three 3-digit numbers together! Can you calculate £125 + £234 + £156?