

Max's Magnificent Market Challenge

Learning objective: To add whole numbers with more than four digits using formal written methods (column addition).

Read each problem carefully. Use column addition to show your working out. Remember to line up your digits correctly according to their place value.

Max the monkey is helping the forest community organise their annual harvest market. He needs to calculate the total number of items sold and the total money raised to ensure everything is accounted for accurately.

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

1. The community sold 24,567 apples and 18,945 pears on Saturday. What was the total number of pieces of fruit sold? (2 marks)

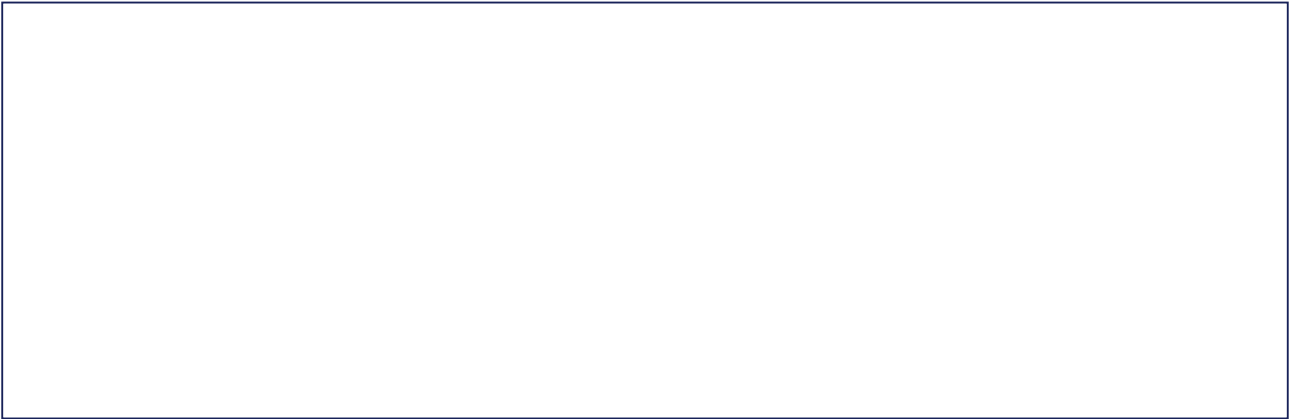
2. Max counted £45,672 in the morning money box and £38,459 in the afternoon money box. How much money did they raise in total? (2 marks)

3. Calculate the sum of 67,890 and 15,432. Show your regrouping clearly. (2 marks)

4. A shipment of 52,108 carrots arrived, followed by another shipment of 29,997 carrots. How many carrots are there altogether? (2 marks)

5. Max has a budget of £90,000 for new market stalls. He spends £34,560 on wood and £27,895 on fabric. What is the total cost of these two items? (2 marks)

Draw: Draw a picture of Max the monkey using an abacus or a notepad to count a large pile of colourful market vegetables.



Extension challenge: Max has £100,000 to spend. If he buys three items costing £25,400, £32,750, and £18,900, how much money does he have left over? Explain your method.