

## Max's Magnificent Market Math

*Learning objective: To add whole numbers with more than 4 digits, including using formal column addition.*

Help Max the monkey calculate the total costs at the local market. Show your working out clearly using column addition for each question.

Max is visiting the market to buy supplies for his friends. He needs to add up the prices of various items using his math skills to ensure he has enough money.

*Word bank: total · sum · column · exchange · place value · addition · calculate · digit*

**1. Max buys a large bag of golden mangoes for £12,450 and a crate of fresh coconuts for £8,765. What is the total cost of these items? (2 marks)**

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**2. Ellie the elephant needs new stationary for her history project. She buys a giant sketchbook for £25,890 and a set of antique-style quills for £14,635. Calculate the sum of her purchase. (2 marks)**

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**3. Kit the fox is buying computing parts. If he spends £45,209 on a motherboard and £32,995 on a processor, how much has he spent in total? (2 marks)**

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**4. Fill in the missing digits to make this calculation correct:  $34,5\_2 + 2\_ ,678 = 61,280$ . (2 marks)**

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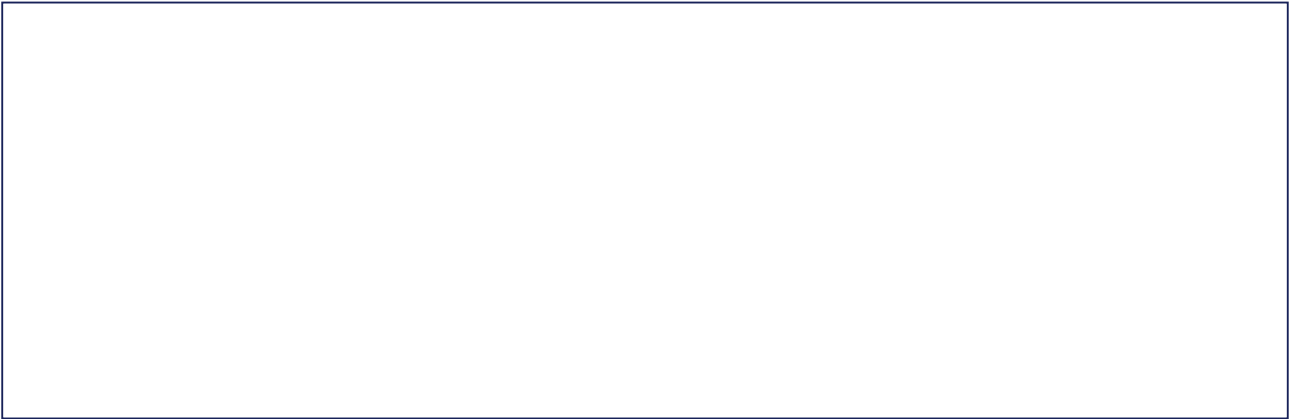
**5. Pip the caterpillar finds two piles of leaves for his collection. One pile has 56,782 leaves and the other has 34,919 leaves. How many leaves does Pip have altogether? (2 marks)**

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**Draw:** Draw Max the monkey standing behind a market stall with price tags on his items, showing how he uses a clipboard to add up the numbers.



*Extension challenge: Max has a budget of £100,000 for the market. If he buys three items that cost £34,500, £22,900, and £18,750, does he have enough money left to buy a final item costing £25,000? Explain your reasoning.*