Max’s Magnificent Market Maths

Learning objective: To solve multi-step word problems involving the four operations, money, and reasoning.

Read each problem carefully. Show your working out clearly, including the units of measurement (£). Max the monkey wants to check your calculations!

Max the monkey is helping at the community fair. He needs your help to manage the stalls and make sure the maths adds up correctly.

Word bank: calculate · remainder · operation · total · difference · budget · multi-step

1. Max is buying crates of apples for the fruit stall. Each crate costs £4.50. If Max buys 12 crates, what is the total cost? (2 marks)

2. The fruit stall starts with £150.00 in the float. They sell £234.50 worth of fruit during the morning and £189.75 in the afternoon. How much money is in the float now? (3 marks)

3. A bag of mixed nuts costs £2.80. If a customer pays with a £10.00 note, how much change should they receive? (2 marks)

4. Max has £50.00 to spend on decorations. He buys 8 packs of bunting at £3.25 each and 5 helium balloons at £2.40 each. How much money does Max have left from his original £50.00? (3 marks)

5. A charity raffle ticket costs 50p. The organisers want to raise £600.00. How many tickets must they sell to reach their target? (2 marks)

Draw: Draw a picture of Max the monkey standing behind a colourful market stall displaying apples, nuts, and bunting.

Extension challenge: Max has 600 stickers to share equally between 15 children. He then decides to give 5 stickers to each child from his own private stash. How many stickers does each child have in total?