

Max's Market Stall Mental Math Challenge

Learning objective: To solve mental calculations involving addition, subtraction, multiplication, and division, including money problems using £.

Max the Monkey is running a fruit stall at the forest market! Help him calculate the totals for his customers using mental math strategies. For each question, show the steps you took in your head (e.g., partitioning, rounding, or doubling).

Word bank: partitioning · rounding · doubling · inverse · total · difference

1. A customer buys 3 apples for 45p each and a bunch of grapes for £1.20. What is the total cost? (2 marks)

2. Max has 150 bananas. He gives 75 to his friends and then divides the remainder equally into 5 baskets. How many bananas are in each basket? (2 marks)

3. A bag of oranges costs £2.80. If a customer pays with a £5 note, how much change should Max give back? (2 marks)

4. Max sells 4 punnets of strawberries for £1.50 each. He then spends £2.00 on a new crate. How much profit does he have left? (2 marks)

5. If Max doubles his daily sales of £12.50, and then subtracts £5.00 for market fees, what is his final amount? (2 marks)

Draw: Draw Max the Monkey standing behind his market stall, showing a small sign with the price of his favorite fruit written in dollars and cents.



Extension challenge: Create your own 'two-step' mental math problem for a friend. Use at least one multiplication and one subtraction step, and ensure your answer involves dollars and cents.