

Max's Mental Maths Challenge

Learning objective: To practise addition, subtraction, multiplication, and division skills using mental maths strategies.

Read each question carefully. Use the word bank if you need help. Write your answers in the boxes provided.

Max the monkey is at the fruit market. He wants to buy snacks for his friends. Help Max solve these maths puzzles to find out how much things cost and how many he needs.

Word bank: sum · total · difference · multiply · divide · pounds · pence

1. Max buys 3 apples. Each apple costs £2. What is the total cost? (2 marks) (2 marks)
2. Max has £10. He spends £4 on a bunch of bananas. How much money does he have left? (2 marks) (2 marks)
3. Max wants to share 12 grapes equally between 4 friends. How many grapes does each friend get? (3 marks) (3 marks)
4. Max sees a bag of nuts for £5 and a bag of berries for £3. What is the total sum of both items? (3 marks) (3 marks)
5. Max has 8 oranges. He multiplies this amount by 2 because he finds more. How many oranges does he have now? (5 marks) (5 marks)

6. Explain how you worked out the answer to the orange question. Start your sentence with: 'I multiplied 8 by 2 because...' (10 marks)

Draw: Draw 4 bags of fruit. Each bag should have 5 pieces of fruit inside.

A large empty rectangular box with a thin black border, intended for a drawing of 4 bags of fruit, each containing 5 pieces of fruit.

Extension challenge: Total: /25. Challenge: If Max had £20 and bought 5 items costing £2 each, how much change would he have?