

Max the Monkey's Multiplication Market

Learning objective: To multiply two-digit numbers by one-digit numbers using formal written methods.

Help Max solve these maths puzzles at the woodland market. Show your working clearly using the column method for each calculation.

Max the Monkey is helping the woodland animals at the market today. He has been busy calculating the costs for everyone. 'If one basket of apples costs £12, how much will four baskets cost?' Max asks. He uses his favourite method: setting the numbers out in columns, multiplying the ones, and then multiplying the tens, remembering to regroup if necessary.

Word bank: product · multiply · column · calculation · total · regroup · value

1. The squirrels bought 6 bags of walnuts. If each bag costs £14, what is the total cost of the walnuts? (2 marks)

2. Bea the Bee is selling 8 jars of forest honey. Each jar costs £13. Calculate the total price for the honey. (2 marks)

3. Pip the Caterpillar needs 7 bookmarks. Each bookmark costs £15. How much money does Pip need in total? (2 marks)

4. If a pack of sunflower seeds costs £24 and Zara the Zebra buys 3 packs, explain how you would use the column method to find the total. (2 marks)

5. Leo the Lion wants to buy 9 storybooks for his friends. Each book is £16. Show your calculation to find the total cost. (2 marks)

Draw: Draw a picture of Max the Monkey standing at a market stall with items priced at £12, £14, and £16.



Extension challenge: Max has £100 to spend at the market. If he buys 4 items that each cost £22, how much change will he receive? Show your calculation.