

# Max's Mathematical Market Adventure

*Learning objective: To solve multi-step word problems involving addition, subtraction, multiplication, and division using Australian dollars and cents.*

Help Max the monkey calculate the costs at the woodland market. Read each scenario carefully, show your working out, and remember to include the £ symbol in your answers.

Answer Key: 1. A (£12.50) 2. True 3. 4 4. B (£3.60) 5. False (It is £1.50) 6. 12 7. C (£8.25) 8. True 9. 24 10. B (£2.00). Working out for extended answers: Max spends £15.00 total for 6 items at £2.50 each.

*Word bank: calculate · product · difference · total · quotient · remainder · value · equivalence*

**1. 1. Max buys 5 bunches of bananas for £2.50 each. What is the total cost? A) £12.50\*, B) £10.00, C) £15.00, D) £7.50 (1 mark)**

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**2. 2. True or False: If an apple costs 50p, 4 apples will cost exactly £2.00. (1 mark)**

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**3. 3. Ellie the elephant has £20.00. If she buys a book for £16.00, how many £1.00 packets of peanuts can she buy with the change? (1 mark)**

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**4. 4. A bag of birdseed costs £1.20. How much do 3 bags cost? A) £3.00, B) £3.60\*, C) £3.30, D) £4.00 (1 mark)**

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**5. 5. True or False: If a jar of honey costs £2.50 and you pay with a £5.00 note, your change is £1.00. (1 mark)**

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**6. 6. Zara the zebra wants to buy 4 painting kits costing £3.00 each. How much will she spend in total? (1 mark)**

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**7. 7. Kit the fox has £10.00. He buys a puzzle for £1.75. How much money does he have left? A) £7.25, B) £9.25, C) £8.25\*, D) £8.75 (1 mark)**

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**8. 8. True or False: To find the cost of 6 items at £2.00 each, you can multiply 6 by 2. (1 mark)**

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**9. 9. If 8 notebooks cost £24.00, how much does one notebook cost? (1 mark)**

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10. 10. Which is the best estimate for the total of £1.10 + £0.90? A) £1.50, B) £2.00\*, C) £2.50, D) £3.00 (1 mark)

**Draw:** Draw Max the monkey standing at a market stall with a sign displaying his fruit prices. Include labels showing the price of at least three different items.



*Extension challenge: Greater Depth Challenges: 1. Explain why you might use the inverse operation to check if your answer to a subtraction word problem is correct. 2. Justify your answer: If you have £10.00, can you buy 3 items costing £3.50 each? Show your reasoning. 3. Compare and contrast: How does calculating the total cost of 4 items at £1.50 differ from calculating 2 items at £3.00? 4. What might happen if the price of an item changed from £1.99 to £2.01? How would that affect your mental calculation strategy? 5. Create your own multi-step word problem involving at least three different prices and a total budget of £20.00. 6. If items are sold in 'buy one get one half price' deals, how does this change the way you calculate the total cost for 4 items?*