

Max's Market Math Challenge

Learning objective: To solve problems involving money in dollars and cents, including addition, subtraction, and simple multiplication.

Help Max the monkey organize his market stall! Read each question carefully, show your working out, and remember that £1.00 is equal to 100 pence.

Answer Key: 1) B (£4.50), 2) True, 3) 60p, 4) A (£1.25), 5) False (It is £1.50), 6) £3.00, 7) 40p, 8) C (£9.99), 9) True, 10) £2.50.

Word bank: Pounds · Pence · Total · Change · Calculate · Estimate · Value · Currency

1. Max is selling bananas for £1.50 per bunch. How much would 3 bunches cost? A) £3.00 B) £4.50* C) £5.00 D) £4.00 (1 mark)

2. True or False: £2.50 is the same as 250 pence. (1 mark)

3. If a bag of nuts costs 80p and you pay with a £1.00 coin, how much change should you receive? (Write answer in pence) (1 mark)

4. Ellie the elephant buys a storybook for £3.75. She pays with a £5.00 note. How much change does she get? A) £1.25* B) £2.25 C) £1.75 D) £2.75 (1 mark)

5. True or False: Three 50p coins make £1.00. (1 mark)

6. Zara buys 2 paintbrushes for £1.50 each. What is the total cost? (1 mark)

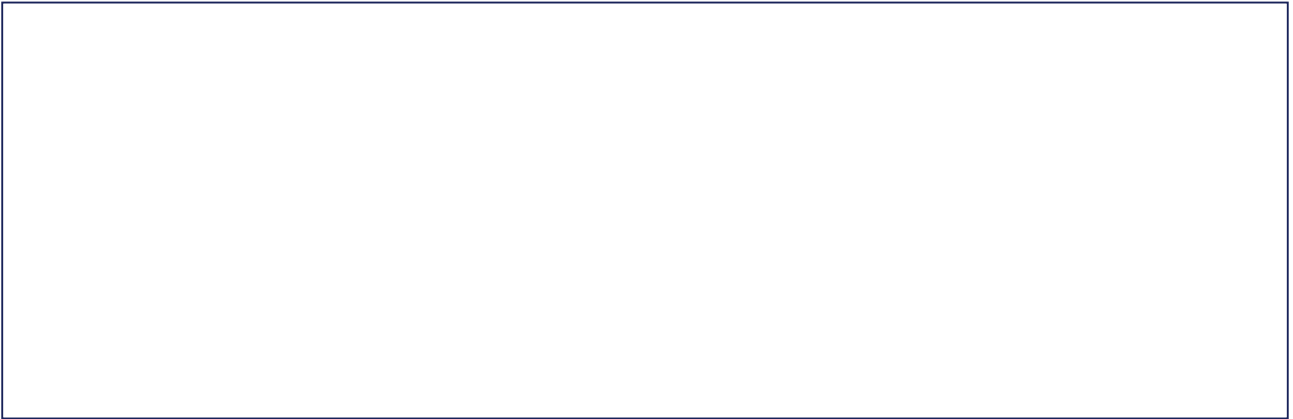
7. Kit has 90p. He spends 50p on a puzzle. How much money does he have left? (1 mark)

8. Which of these is the most expensive? A) £5.50 B) £8.20 C) £9.99* D) £7.45 (1 mark)

9. True or False: To find the total cost of two items, you must use addition. (1 mark)

10. Pip the caterpillar wants to buy 5 bookmarks that cost 50p each. How much will he spend in total? (1 mark)

Draw: Draw Max the monkey behind his market stall. Include labels for the items he is selling with prices in dollars and cents.



Extension challenge: 1. Justify your answer: If you have £10.00, can you afford to buy four items that each cost £2.60? Explain why. 2. Compare and contrast: How is adding money similar to adding whole numbers, and how is it different? 3. What might happen if a shopkeeper accidentally gave you too much change? 4. Explain why we use decimal points when writing prices like £1.50. 5. If Max decided to have a 'Half-Price Sale', how would you calculate the new price of an item that originally cost £4.00? 6. Design a receipt for a shopping trip where you buy three different items. Calculate the total and the change from a £20.00 note.