Max’s Mathematical Market Challenge

Learning objective: To solve multi-step problems involving addition, subtraction, multiplication, and division, including money calculations.

Help Max the monkey solve these tricky problems at the community market. Read each question carefully, show your working out, and don't forget to include the £ sign for money questions!

Answer Key: 1. A (£14.80), 2. False (He has £2.00 left), 3. 4, 4. C (£22.50), 5. True, 6. £1.20, 7. 8, 8. B (£15.00), 9. False (The difference is £4.50), 10. 12.

Word bank: calculate · operation · remainder · total · difference · product

1. Max buys 4 bunches of bananas for £3.70 each. What is the total cost? A) £14.80* B) £15.20 C) £12.40 D) £14.20 (1 mark)

2. True or False: If Max has a £20 note and spends £18, he has £3.00 change. (1 mark)

3. If Ellie the elephant has 36 apples and shares them equally among 9 baskets, how many apples are in each basket? (1 mark)

4. Zara buys 5 art brushes at £4.50 each. How much does she spend? A) £20.00 B) £21.50 C) £22.50* D) £25.00 (1 mark)

5. True or False: To find the difference between two numbers, you must use subtraction. (1 mark)

6. Kit the fox finds a box of 10 pens that costs £12.00. How much does one pen cost? (1 mark)

7. Leo the lion has 72 poems to file. If he puts 9 poems in each folder, how many folders does he need? (1 mark)

8. Pip the caterpillar buys a book for £8.50 and a bookmark for £6.50. How much did he spend in total? A) £14.00 B) £15.00* C) £16.00 D) £15.50 (1 mark)

9. True or False: A toy car costs £12.50 and a kite costs £8.00. The difference in price is £5.50. (1 mark)

10. If Bea the bee collects 48 flowers and divides them into 4 equal piles, how many flowers are in each pile? (1 mark)

Draw: Draw Max the monkey standing at a market stall holding a calculator, with piles of fruit neatly organized into groups.

Extension challenge: Max has £50.00. He wants to buy 6 notebooks that cost £7.50 each. Does he have enough money left over to buy a pen that costs £6.00? Show your workings.