

Grade 4 Math: Subtraction Mastery Assessment

Learning objective: To subtract whole numbers with more than 4 digits, including using formal written methods (column subtraction).

Read each question carefully. Show your working out clearly in the space provided to gain method marks. Ensure you include the £ symbol where required.

Max the monkey is helping his friends at the BookFlik Forest Market. He is keeping track of the store's stock and calculating the change for customers using his math skills.

Word bank: difference · exchange · column method · remainder · value · digit

1. Max has 8,452 apples. He sells 3,217 apples to the forest animals. How many apples does Max have left? Show your column subtraction. (2 marks)

2. Calculate the difference between £9,500 and £4,765. (2 marks)

3. A large shipment arrives with 25,000 acorns. If Pip the caterpillar eats 8,342 of them, how many acorns remain? Explain the steps you took to exchange across the columns. (4 marks)

4. Zara is selling art supplies. A set of paints costs £12.50. If a customer pays with a £20 note, how much change should Zara give back? Show your calculation. (3 marks)

5. Solve the following: $70,000 - 34,582$. Check your answer using the inverse operation (addition). (4 marks)

6. Max says: 'If I subtract 1,000 from 5,000, and then subtract another 500, the answer is the same as subtracting 1,500 from 5,000.' Is Max correct? Use numbers and words to justify your reasoning. (5 marks)

7. Complete the missing digits in this subtraction: $6_ , 4\ 2\ 1 - 2\ 3 , _ 0\ 5 = 4\ 1 , 1\ 1\ 6$ (5 marks)

Draw: Draw a set of balance scales showing the difference between two large numbers of your choice to represent a subtraction calculation.



Extension challenge: Total: /25