

Max's Subtraction Station

Learning objective: To subtract numbers with up to four digits using formal written methods (column subtraction) and to solve word problems involving money.

Use your knowledge of column subtraction to help Max the monkey solve his puzzles. Remember to line up your columns correctly and exchange if the digit on the bottom is larger than the digit on the top!

Max the monkey is helping his friends at the local market. He has a budget of £50.00 to buy fruit for the group. He spends £12.45 on a large bunch of bananas and £8.70 on a basket of strawberries. Max needs to calculate how much of his budget remains to see if he can afford a treat for Pip the caterpillar.

Word bank: difference · column subtraction · exchange · digit · minus · less than · calculate · total · partitioning

1. Calculate the difference between 4,582 and 2,341 using column subtraction. (2 marks)

2. If Max starts with £50.00 and spends £12.45 on bananas, how much money does he have left? (2 marks)

3. Solve $7,000 - 3,456$. Remember to exchange across the zeros carefully. (2 marks)

4. Ellie the elephant had 1,250 peanuts. She gave 485 peanuts to her friends. How many does she have left? (2 marks)

5. Explain why it is important to line up the decimal point when subtracting money. (2 marks)

Draw: Draw a set of kitchen scales showing 1,000g of fruit. Then, draw Max taking away 350g of that fruit and label the remaining amount.



Extension challenge: Max finds a mystery number. If he subtracts 1,567 from it, he gets 2,433. What is Max's mystery number? Show your working using the inverse operation.