

Max's Math Challenge: Subtraction Skills

Learning objective: To subtract numbers with up to four digits using formal column subtraction and solve money problems.

Read each question carefully. Use the column method for calculations. You can use the word bank to help you understand the math terms. Take your time!

Max the monkey is helping his friends at the market. He needs to work out the price differences and how much money is left in their purses.

Word bank: Subtract: To take away one number from another. · Difference: The answer to a subtraction sum. · Column method: Lining up digits in their place value columns. · Exchange: Swapping a ten for ten ones. · Total: The final amount.

1. Max has 458 apples. He gives 125 to his friends. How many apples does Max have left? Show your working out. (2 marks)

2. Calculate the difference: $862 - 347 = ?$ (2 marks)

3. Pip the caterpillar had £7.50. He spent £3.25 on a new bookmark. How much money does Pip have left? (3 marks)

4. A library had 2,564 books. 438 books were borrowed. How many books are still in the library? Write your calculation below. (4 marks)

5. Max bought a bag of nuts for £4.50 and a bunch of bananas for £2.20. If he pays with a £10.00 note, how much change should he receive? Explain the steps you took to solve this. (5 marks)

6. Fill in the missing numbers: $950 - [] = 400$. (2 marks)

7. Nova the owl has 1,200 stars to count. She has counted 750. How many more stars does she need to count? (3 marks)

8. Why do we always line up the numbers in columns when we subtract? (Sentence starter: We line up the numbers so that...) (4 marks)

Draw: Draw a picture of Max the monkey counting his coins at the market.



Extension challenge: Total: /25. Can you write your own subtraction word problem for a friend to solve?