

Max's Maths Challenge: Place Value Adventure

Learning objective: To identify, represent, and estimate numbers up to 10,000 using place value.

Hello! I am Max the monkey. Let's solve these place value puzzles together. Read each question carefully. Use the word bank if you get stuck. You can do it!

Max the monkey is organising his fruit collection. He has 4,321 bananas and 2,567 oranges. Help Max sort his numbers and prices.

Word bank: thousands · hundreds · tens · ones · place value · digit · greater than · less than

1. Max has 4,321 bananas. Write this number in words. (2 marks)

2. What is the value of the digit '3' in the number 4,321? (2 marks)

3. Max bought a basket for £2,450 and a ladder for £2,405. Put these prices in order, starting with the smallest. (2 marks)

4. Fill in the missing numbers in this sequence: 1,200, 1,300, _____, 1,500, _____. (2 marks)

5. Compare the numbers using the correct symbol (< or >): 5,678 _____ 5,876. Explain why you chose your symbol. (4 marks)

6. Max has £3,562. Write this number in expanded form (e.g., $1000 + 200 + 30 + 4$). (3 marks)

7. Max wants to buy fruit bags that cost £1,000 each. He has £5,678. How many full bags can he buy? How much money will he have left over? (5 marks)

Draw: Draw a place value chart showing the number 2,314 using hundreds blocks, tens sticks, and ones dots.



Extension challenge: Write a short story about Max finding a treasure chest with 9,999 gold coins. Explain what the value of the '9' in the thousands place is. Total: /25