

Max's Magnificent Market Maths

Learning objective: To read, write, order and compare numbers up to at least 1,000,000 and determine the value of each digit.

Read Max the monkey's market report below. Use your knowledge of place value to solve the problems that follow. Remember to check the column values carefully!

Max the monkey has been busy helping at the community market. He has been counting the total sales for different stalls. The fruit stall earned £452,190. The handmade craft stall earned £425,910, and the fresh bakery stall earned £452,901. Max needs to organise these figures to see which stall was the most successful. He reminds us that even though the digits 4, 5, 2, 9, 1 and 0 appear in all the totals, their place value changes everything!

Word bank: ten-thousand · hundred-thousand · place value · digit · partition · ascending · descending

1. Identify the value of the digit '5' in the fruit stall's total (£452,190). (2 marks)

2. Write the bakery stall's total (£452,901) in words. (2 marks)

3. Compare the three stall totals. Which stall earned the most money? (1 mark)

4. Order the three stall totals (£452,190, £425,910, and £452,901) from smallest to largest. (2 marks)

5. If Max adds another £10,000 to the craft stall's total, what would the new total be? (2 marks)

Draw: Draw a place value chart showing the number 452,901. Use columns for Hundred Thousands, Ten Thousands, Thousands, Hundreds, Tens, and Ones.

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

Extension challenge: Max has a secret total! It has a 7 in the ten-thousands place, a 3 in the hundred-thousands place, and all other digits are zero. Write this number in digits and explain how you found the answer.