

Max's Magnificent Market Maths

Learning objective: To read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.

Max the monkey is helping at the local community market. He has listed several items for sale, but he has mixed up the prices! Your task is to sort the numbers by placing them into the correct 'Price Bracket' based on their place value. Use the word bank to help you identify the column headings.

Word bank: Millions · Hundred Thousands · Ten Thousands · Thousands · Hundreds · Tens · Ones

1. Max has a rare antique book priced at £2,456,380. Identify the value of the digit '4' and the digit '3' in this price. (2 marks)

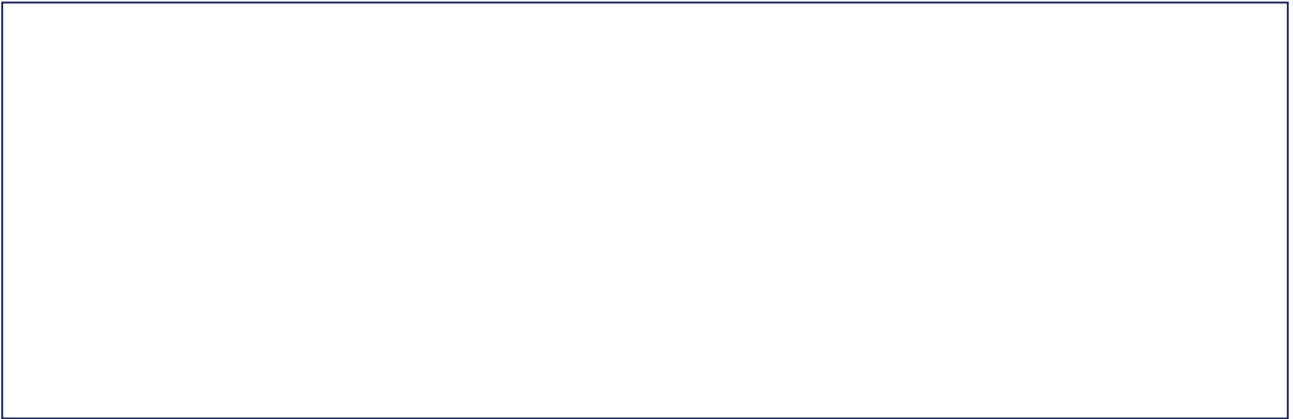
2. Sort the following three prices from smallest to largest: £1,050,200; £1,500,020; £1,050,020. (2 marks)

3. A giant bag of exotic fruit costs £1,275,000. If the price increases by three ten-thousands, what is the new price? (2 marks)

4. Write the number 'four million, six hundred and two thousand, five hundred and ten' in digits, ensuring you include the correct place value holders. (2 marks)

5. Max says: 'In the number £3,999,999, every digit is worth the same because they are all 9s.' Explain why Max is incorrect using your knowledge of place value. (2 marks)

Draw: Draw a large market stall sign for Max that shows a price in the millions, using a decorative border of patterns that Zara the zebra would love.



Extension challenge: Create your own 'Market Challenge' by writing a number between 5,000,000 and 7,000,000. Write it in both words and digits, then round your number to the nearest million, the nearest hundred thousand, and the nearest ten thousand.