

Max's Market Place Value Challenge

Learning objective: To recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones).

Max the monkey is helping at the local community market. Help him organise the prices of the goods by breaking down each number into its thousands, hundreds, tens, and ones. Remember to use your place value knowledge to explain the value of each digit.

Max is looking at four items at the market. A bag of golden apples costs £1,234. A basket of fresh carrots costs £2,056. A jar of wildflower honey costs £3,401. A large box of sunflower seeds costs £4,720. Max needs to know exactly how much each digit is worth to make sure he keeps the market money organised correctly.

Word bank: thousands · hundreds · tens · ones · digit · place value · partition · column

1. Look at the price of the golden apples (£1,234). What is the value of the digit '2' in this number? (2 marks)

2. Partition the price of the fresh carrots (£2,056) into thousands, hundreds, tens, and ones. (2 marks)

3. In the price of the honey (£3,401), why is there a zero in the tens column? (2 marks)

4. Max says that the '4' in £4,720 is worth more than the '4' in £3,401. Is he correct? Explain why. (2 marks)

5. Write the number 3,592 in words. (1 mark)

Draw: Draw a set of place value counters to represent the price of the sunflower seeds (£4,720). Use circles for your counters and label the columns (Th, H, T, O).



Extension challenge: Max has a secret item that costs £5,999. If he adds £1 to the price, what is the new total? Explain what happens to the digits when you add this pound.