

Max the Monkey's Place Value Adventure

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

Help Max the Monkey solve his jungle maths puzzles! Read the value of each digit carefully to help him organise his fruit collection. Remember that each column represents a different value.

Max the Monkey has been busy counting his jungle snacks. He found 4,327 shiny mangoes hidden in the trees! To keep his shop organised, Max needs to partition his total. He knows that the '4' is in the thousands column, the '3' is in the hundreds column, the '2' is in the tens column, and the '7' is in the ones column. Max says: 'Every digit has a special place!'

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

1. In the number 4,327, which digit represents the hundreds? What is its value? (2 marks)

2. Max finds 1,508 bananas. Write this number in words. (1 mark)

3. If Max adds 10 to the number 4,327, what is the new total? Which column changes? (2 marks)

4. Write the number $2,000 + 400 + 60 + 5$ as a single four-digit number. (1 mark)

5. Compare these two amounts: £3,562 and £3,526. Which one is larger? Explain how you know using your knowledge of place value. (2 marks)

Draw: Draw a place value chart with four columns labelled Thousands, Hundreds, Tens, and Ones. Place counters or dots in each column to represent the number 2,143.



Extension challenge: Max has a secret number. It has a 5 in the tens column, the thousands digit is double the tens digit, the hundreds digit is 0, and the ones digit is 3. What is Max's secret number?