

# Max the Monkey's Place Value Adventure

*Learning objective: To identify, represent and estimate numbers up to 10,000 and recognise the place value of each digit.*

Read the questions carefully and use your knowledge of place value to solve Max's puzzles. Remember to show your working out where possible.

Max the monkey is organising his jungle pantry. He has been collecting fruit to share with his friends. He has 2,456 bananas, 1,309 mangoes, and 4,820 coconuts. Max needs to make sure he knows exactly how many of each fruit he has by looking at the value of every digit. Help Max sort his pantry by answering the questions below.

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

**1. In the number of bananas (2,456), what is the value of the digit 4? Explain how you know. (2 marks)**

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**2. Max finds a new pile of  $3,000 + 700 + 50 + 2$  berries. Write this as a single numeral. (1 mark)**

**3. Compare the number of mangoes (1,309) and the number of coconuts (4,820) using the symbols  $<$  or  $>$ . (1 mark)**

**4. If Max buys 100 more bananas, what will his new total be? Write the number in words. (2 marks)**

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**5. Arrange these three numbers in ascending order (smallest to largest): 4,820, 2,456, 1,309. (2 marks)**

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**Draw:** Draw a place value chart for the number 3,524, showing how many thousands, hundreds, tens, and ones are in the number.



*Extension challenge: Max has a secret stash of coins. He has five £1,000 notes, two £100 notes, and eight £1 coins. What is the total value of his stash? If he shares it equally between four friends, how much does each friend receive?*