

# Max's Magnificent Place Value Challenge

*Learning objective: To recognise the place value of each digit in a four-digit number and partition numbers into thousands, hundreds, tens, and ones.*

Help Max the monkey organise his collection of rainforest treasures! Read each question carefully and show your working out to find the value of each digit.

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

**1. Max has 4,362 shiny pebbles. What is the value of the digit '3' in this number? (2 marks)**

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**2. Write the number 5,084 in words. (2 marks)**

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**3. Max finds a chest with  $2,000 + 700 + 50 + 9$  coins. Write this as a single four-digit number. (2 marks)**

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**4. In the number 8,126, which digit is in the tens column and what is its value? (2 marks)**

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**5. Max has 6,403 marbles. Explain why the '0' is important in this number. (2 marks)**

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**Draw:** Draw a place value grid showing the number 3,521 with counters in the thousands, hundreds, tens, and ones columns.



*Extension challenge: Max has a secret number: it has 4 thousands, 3 more hundreds than thousands, 2 fewer tens than hundreds, and 5 ones. Can you work out what his secret number is?*