

Year 3 Maths Assessment: Place Value

Learning objective: To identify, represent, and estimate numbers up to 1000, and recognise the place value of each digit.

Read each question carefully. Use your knowledge of hundreds, tens, and ones to answer. Max the monkey is here to help you solve these mathematical puzzles!

Max the monkey is helping the forest animals organise their collection of shiny acorns. He uses place value charts to count large amounts quickly.

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

1. Max has 342 acorns. Write this number in words. (2 marks)

2. Partition the number 578 into hundreds, tens, and ones. (e.g., $500 + 70 + 8$) (2 marks)

3. What is the value of the digit '6' in the number 624? (2 marks)

4. Compare these numbers using the symbols $<$ or $>$: 456 ____ 465. Explain how you know which is larger. (4 marks)

5. Fill in the missing numbers in this sequence: 210, 220, ____, 240, ____, 260. (4 marks)

6. Max finds a bag with 4 hundreds, 0 tens, and 7 ones. What is the total number of acorns? If he gives away 100 acorns, how many will he have left? (6 marks)

7. Max says, 'I have $300 + 40 + 5$ acorns.' Write a short paragraph explaining how to represent this number using a place value chart, and explain what would happen if you added 10 more to his collection. (5 marks)

Draw: Draw a set of Base-10 blocks (hundreds squares, tens rods, and ones cubes) to represent the number 235.

A large, empty rectangular box with a thin black border, intended for a student to draw a set of Base-10 blocks representing the number 235. The box is currently blank.

Extension challenge: Total: /25