

Max's Roman Numeral Discovery Trail

Learning objective: To identify, write, and convert Roman numerals up to 100 (C) and understand the place value of I, V, X, L, and C.

Max the monkey has been exploring old stone carvings! Help him translate these ancient symbols by filling in this discovery record. Use the word bank to help you remember what each letter stands for. Write clearly and show your working out for any conversions.

Word bank: I = 1 · V = 5 · X = 10 · L = 50 · C = 100 · Subtract · Add · Symbol

1. The Basic Symbols: Explain what the letters I, V, X, L, and C represent in the Roman system. (5 marks)

2. Decoding the Past: Max found the number 'XLV' carved into a wall. What is this number in our modern digits? Show how you worked it out. (2 marks)

3. Converting to Roman: Write the number 84 in Roman numerals. Remember the rules for tens and ones. (2 marks)

4. The Subtraction Rule: Explain why 'IV' equals 4 instead of 6. What happens to the smaller symbol when it is placed before a larger one? (3 marks)

5. Max's Challenge: If Max has XCV pounds (£95) in his piggy bank, how would he write that amount using Roman numerals? (2 marks)

Extension challenge: Can you create your own Roman numeral code for a friend to solve? Write a number between 1 and 100 in Roman numerals on a piece of paper, and ask a partner to convert it back into modern digits!