

Max the Monkey's Roman Numeral Challenge

Learning objective: To recognise and convert numbers to Roman numerals up to 100.

Help Max the Monkey solve his maths puzzles! Use the word bank to help you understand the symbols. Fill in the boxes below to show how Roman numerals work, and then try to solve the challenges.

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

1. The Basic Symbols: Explain what each of these symbols represents in our number system: I, V, X, L, and C. (5 marks)

2. The Rule of Addition: How do you show the number 6 in Roman numerals? Explain the rule you used to create it. (2 marks)

3. The Rule of Subtraction: Explain how to write the number 4. Why do we put the 'I' before the 'V'? (3 marks)

4. Converting Numbers: Convert these numbers into Roman numerals: 12, 25, and 40. (3 marks)

5. Max's Shopping Trip: Max bought a banana for X pence and an apple for V pence. What is the total cost in Roman numerals? (2 marks)

Extension challenge: Try to write your age in Roman numerals, then write the Roman numeral for the current year. Can you find a clock in your house that uses Roman numerals?