



PARENT/ TEACHER/ STUDENT NOTES

Introduction

The Romans were a very smart group of people, with a very high level of sophistication for their time. For example, they had a form of central heating, as well as running hot water, steam rooms, thousands of miles of virtually straight roads and the most highly trained army in history, up to 2/3 centuries either side of the birth of Jesus Christ.

However, their Numerical System, though good, was not as sophisticated as the Arabic system which we in the West use today. In fact they didn't even use numbers as we know them. They used letters to represent numbers. Their system had simple, but effective rules. The first we will use in Level 1.

THE NUMBERS....or should I say, Letters?

1, 2, 3, 4 = I, II, III, IIII

Very straight forward, though later we will see a simpler way of writing 4.

The Romans used letters to represent bigger Numbers:

V = 5; X = 10; L = 50; C = 100; D = 500; M = 1000

The Romans built bigger numbers by adding smaller numbers together. But they had a very important **RULE**: Start with the highest number first and work your way down to the lowest, adding as you go.

On the next page is an example of level I Roman:





Thinking Skills

ROMAN NUMERALS MEDIA PACK

LEVEL I; Example:

XXVII is 27

$$= X + X + V + I + I$$

$$= 10 + 10 + 5 + 1 + 1$$

SOUNDS LIKE: 10, 20, 5, 6, 7..... 27



Thinking Skills

ROMAN NUMERALS MEDIA PACK

$I = 1; V = 5; X = 10; L = 50; C = 100; D = 500; M = 1000$

ROMAN NUMERALS LEVEL 1



Remember from your notes that the Romans built their numbers up by adding or subtracting. When small numbers followed big numbers they were all added together as will be the case in all Level 1 questions.

Example I: $LXVII = L + X + V + I + I$
Which = $50 + 10 + 5 + 1 + 1 = 67$

Using the above principle, work out the following

- | | |
|-----------------|------------------|
| 1. XV = | 2. XXIII = |
| 3. XXXVII = | 4. LXVIII = |
| 5. LXXXVI = | 6. CLXXI = |
| 7. CCCLVII = | 8. DCCXXXV = |
| 9. DCCCLXXIII = | 10. MDCCLXXVII = |
| 11. MCCCXX = | 12. MMV = |
| 13. MDCLXVII = | 14. MCCLXXI = |
| 15. DCCXXVIII = | 16. DCVII = |
| 17. MMDCCLVII = | 18. MCLXVI = |
| 19. DCCLXXI = | 20. MMII = |





Thinking Skills

ROMAN NUMERALS MEDIA PACK

RN Answers Level 1

1. = 15 (X + V = 10 + 5 = 15)
2. = 23 (X + X + I + I + I = 10 + 10 + 1 + 1 + 1 = 23)
3. = 37 (X + X + X + V + I + 1 = 10 + 10 + 10 + 5 + 1 + 1 = 37)
4. = 68 (50 + 10 + 5 + 1 + 1 + 1 = 68)
5. = 86 (50 + 10 + 10 + 10 + 5 + 1 = 86)
6. = 171 (100 + 50 + 10 + 10 + 1 = 171)
7. = 357 (100 + 100 + 100 + 50 + 5 + 1 + 1 = 357)
8. = 735 (500 + 100 + 100 + 10 + 10 + 10 + 5 = 735)
9. = 873 (500 + 100 + 100 + 100 + 50 + 10 + 10 + 1 + 1 + 1 = 873)
10. = 1777 (1000 + 500 + 100 + 100 + 50 + 10 + 10 + 5 + 1 + 1 = 1777)
11. = 1320 (1000 + 300 + 20 = 1320 (DECLARATION of ARBROATH))
12. = 2005 (1000 + 1000 + 5 = 2005)
13. = 1667 (1000 + 600 + 67 = 1667)
14. = 1271 (1000 + 200 + 71 = 1271)
15. = 728 (700 + 20 + 8 = 728)
16. = 607 (600 + 0 + 7 = 607)
17. = 2757 (2000 + 700 + 50 + 7 = 2757)
18. = 1166 (1000 + 100 + 60 + 6 = 1166)
19. = 771 (700 + 70 + 1 = 771)
20. = 2002 (2000 + 2 = 2002)

