

Wednesday 25.03.20

Write the answers to the questions in your purple exercise books (or on paper).

## TARGET To read Roman numerals to 1000.

The Ancient Romans used letters to stand for numbers. Roman numerals were used in Europe until they were replaced by the Arabic numbers we use today. However, Roman numerals are still used for some things, such as the names of kings and queens or on some clock faces.

Letter	Values
I	1
V	5
X	10
L	50
C	100
D	500
M	1000



### Rules For Forming Numbers

1 Repeated numbers are added. V, L and D are never repeated.  
Only repeat a number three times.

*Example* CCC = 100 + 100 + 100 = 300

2 Larger value first means add.

*Example* CXXVI = 100 + 10 + 10 + 5 + 1 = 126

3 Smaller value first means subtract.

*Example* CMXC = 1000 - 100 + 100 - 10 = 990

a) Only subtract one number from another.

*Example* 80 is LXXX not XXC (50 + 30 not 100 - 20)

b) Only subtract I, X and C, not V, L or D.

*Example* 450 is CDL not LD (400 + 50 not 500 - 50)

c) Only subtract the nearest value out of I, X and C.

*Example* 490 is CDXC not XD (400 + 90 not 500 - 10)

## A

Write as Arabic numbers.

- |          |           |
|----------|-----------|
| 1 VII    | 9 LXVIII  |
| 2 XXVIII | 10 XCIV   |
| 3 XLIV   | 11 XIX    |
| 4 XC     | 12 LXXXI  |
| 5 XXXV   | 13 XLIII  |
| 6 LXXII  | 14 XXIV   |
| 7 LIX    | 15 LXXVII |
| 8 XLVI   | 16 XCVI   |

Write as Roman numerals.

- |       |       |       |
|-------|-------|-------|
| 17 39 | 22 91 | 27 26 |
| 18 40 | 23 85 | 28 45 |
| 19 93 | 24 48 | 29 63 |
| 20 54 | 25 76 | 30 12 |
| 21 69 | 26 37 | 31 99 |

## **CHALLENGE ONE**

Can you work out how to write '1984' in Roman numerals?

'1984' written in Roman numerals has more numerals than when it is written in Arabic numerals. However, this will not always be the case.

Can you find some examples when the number of Roman numerals is fewer than the number of Arabic numerals for the same number?

## **CHALLENGE TWO**

Which Roman numerals read the same backwards as forwards?