



MATHEMATICS



Y5 Number and Place Value

5170

Roman Numerals

Equipment

Paper, pencil, ruler

MathSphere

Roman Numerals

Maths worksheets from mathsphere.co.uk



We didn't use numbers like you when counting and doing maths. We used capital letters, which made it much harder!



The Romans used these capital letters:

I

1

V

5

X

10

L

50

C

100

D

500

M

1000

These letters were put together to form all the numbers, like this:

I = 1

II = 2

III = 3

IV = 4

V = 5

VI = 6

VII = 7

VIII = 8

IX = 9



There are two rules you need to know:

1. put a letter after a larger one means you add it.

2. put a letter before a larger one means you take it away.

So **XI** is $10 + 1 = 11$ and **IX** is $10 - 1 = 9$

CX is $100 + 10 = 110$ and **XC** is $100 - 10 = 90$

Work out what numbers these Roman numerals represent:

1. **VIII** =

2. **IV** =

3. **XII** =

4. **XV** =

5. **LX** =

6. **XL** =

7. **XIV** =

8. **XVII** =

Write these numbers in Roman numerals:

9. 13 =

10. 22 =

11. 30 =

12. 49 =

13. 25 =

14. 101 =

15. 99 =

16. 90 =

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Remember, the Romans used letters for their numbers. Here are the letters they used.



The Romans used these capital letters:

I

1

V

5

X

10

L

50

C

100

D

500

M

1000

Try writing the numbers from 10 to 20 using Roman numerals.

10

11

13

14

15

16

17

18

19

20

Try writing these Roman numerals as numbers.

XXXI

XVI

XX

XLVII

XXXV

XXVIII

XXXIX

XLI



Now try these harder Roman numerals.

1. CLXI

2. CCIII

3. CCCXLV

4. CD

Roman Numerals

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Just a reminder of the letters us Romans used for counting and adding etc.



The Romans used these capital letters:

I

1

V

5

X

10

L

50

C

100

D

500

M

1000

Try counting up in hundreds, using Roman numerals.

100

200

300

400

500

600

700

800

900

1000

Try writing these Roman numerals as numbers.

CC1

CCCX

CDXX

DL

DXCIX

DCIX

DCCL

DCCCI



Now try some really tricky Roman numerals.

1. LXIX

2. DXLIX

3. DCCCXV

4. DCCCLXXXVIII

Roman Numerals

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Let's have a look at how years are written using Roman numerals.



The Romans used these capital letters:

I

1

V

5

X

10

L

50

C

100

D

500

M

1000

Try writing these years using, using Roman numerals.

1960

1870

2013

1066

1666

2020



Now try to write these years in numbers:

MMXV

MDLXVI

MM

MDCCL

MCMXC

MCDL

Answers

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1. 8 2. 4 3. 12 4. 15 5. 60 6. 40 7. 14 8. 17
9. XIII 10. XXII 11. XXX 12. IL 13. XXV 14. CI 15. IC 16. XC

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10. X 11. XI 12. XII 13. XIII 14. XIV 15. XV
16. XVI 17. XVII 18. XVIII 19. XIX 20. XX
31 16 20 47
35 28 39 41
1. 161 2. 203 3. 345 4. 400

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- C CC CCC CD D
DC DCC DCCC CM M
201 310 420 550
599 609 750 801
1. 69 2. 549 3. 815 4. 888

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- 1960: MCMLX 1870: MDCCCLXX
2013: MMXIII 1066: MLXVI
1666: MDCLXVI 2020: MMXX
MMXV: 2015 MDLXVI: 1566
MM: 2000 MDCCCL: 1850
MCMXC: 1990 MCDL: 1450