

ROMAN NUMERALS



A BRIEF HISTORY OF ROMAN NUMERALS

- Roman numerals originated in ancient Rome. This ancient counting system is believed to have started with the ancient Etruscans.
- The symbol for **one** in the roman numeral system probably represented a single tally mark which people would notch into wood or dirt to keep track of items or events they were counting. It would also be easy to write on a wax tablet.



HOW TO CONVERT ARABIC NUMBERS TO ROMAN NUMERALS

Roman numerals are written as combinations of seven letters.

$$I = 1$$

$$V = 5$$

$$X = 10$$

$$L = 50$$

$$C = 100$$

$$D = 500$$

$$M = 1000$$



HOW TO CONVERT ARABIC NUMBERS TO ROMAN NUMERALS

- The letters can be written as capital (XVI) or lower-case letters (xvi).



AS A GENERAL GUIDE

- Roman Numerals are made up by adding or subtracting numbers
- $11 = 10 + 1 = XI$ $9 = 10 - 1 = IX$
- $40 = 50 - 10 = XL$
- If you want to say 1,100 in Roman Numerals, you would say M for 1000 and then put a C after it for 100; $1,100 = MC$
- $900 = 1000 - 100$ so
the C comes before M = CM



- Some more examples:
- $VIII = 5 + 3 = 8$
- $XIX = 10 + 9 = 19$
- (Remember 9 is always = IX (1 less than 10))
- $XL = 50 - 10 = 40$
- $XC = 100 - 10 = 90$
- Try these on your paper
 $7 =$ $12 =$ $15 =$ $20 =$



Check your answers.

$$7 = \text{VII}$$

$$12 = \text{XII}$$

$$15 = \text{XV}$$

$$20 = \text{XX}$$



Can you convert these numbers to Roman Numerals?

■ Answer the following

$$■ 17 = \quad 22 = \quad 26 = \quad 29 = \quad 30 =$$

$$■ 32 = \quad 35 = \quad 50 = \quad \text{so } 40 =$$

$$■ 44 = \quad 49 = \quad 58 = \quad 60 =$$



Were you correct?

- 17=XVII 22=XXII 26=XXVI 29=XXIX
- 30=XXX 32=XXXII 35=XXXV
- 50=L so 40=XL
- 44=XLIV 49=XLIX 58=LVIII 60=LX



Try these.

- 70 = 80 = 83 = 88 =
- 89 = 100 = so 90 =
- 120 = 150 = 200 =
- 300 = 500 = so 400 =



How well did you do?

- 70 = LXX 80 = LXXX 83 = LXXXIII
- 88 = LXXXVIII 89 = LXXXIX
- 100 = C so 90 = XC

- 120 = CXX 150 = CL 200 = CC

- 300 = CCC 500 = D so 400 = CD



Some more large numbers to try.

- 600 = 700 = 800 =

- 1000 = 900 =

- 1600 = 1700 = 1900 =

- 2000 =



Check your answers.

- 600 = DC 700 = DCC 800 = DCCC
- 1000 = M 900 = CM
- 1600 = MDC 1700 = MDCC
- 1900 = MCM 2000 = MM

Last one.

- Can you convert 2010?
- MMX

Now try to write today's date.

Day / Month / Year

- Well done. You are a Roman Numeral Converter!

