**ROMAN NUMERALS**

|  |  |  |
| --- | --- | --- |
| **Symbol** | **Meaning** | **Decimal** |
| [**I**](http://changelog.ca/topic/I) | [**One**](http://changelog.ca/topic/One) | [**1**](http://changelog.ca/topic/1) |
| [**V**](http://changelog.ca/topic/V) | [**Five**](http://changelog.ca/topic/Five) | [**5**](http://changelog.ca/topic/5) |
| [**X**](http://changelog.ca/topic/X) | [**Ten**](http://changelog.ca/topic/Ten) | [**10**](http://changelog.ca/topic/10) |
| [**L**](http://changelog.ca/topic/L) | [**Fifty**](http://changelog.ca/topic/Fifty) | [**50**](http://changelog.ca/topic/50) |
| [**C**](http://changelog.ca/topic/C) | [**One Hundred**](http://changelog.ca/topic/One%20Hundred) | [**100**](http://changelog.ca/topic/100) |
| [**D**](http://changelog.ca/topic/D) | [**Five Hundred**](http://changelog.ca/topic/Five%20Hundred) | [**500**](http://changelog.ca/topic/500) |
| [**M**](http://changelog.ca/topic/M) | [**One Thousand**](http://changelog.ca/topic/One%20Thousand) | [**1000**](http://changelog.ca/topic/1000) |

**Lazy Cows Don't Moo**

***Roman numerals* follow this pattern....**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Units** | **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** |
| **Tens** | **X** | **XX** | **XXX** | **XL** | **L** | **LX** | **LXX** | **LXXX** | **XC** |
| **Hundreds** | **C** | **CC** | **CCC** | **CD** | **D** | **DC** | **DCC** | **DCCC** | **CM** |
| **Thousands** | **M** | **MM** | **MMM** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** |

**The Additive System**

The system for writing Roman numerals is an additive system. This means to calculate the value of a Roman numeral, you simply to have to add up all the digits in the Roman numeral.

Roman Numerals are always written from Largest to Smallest – Left to Right.

#### Examples:

VIII = 5 + 1 + 1 + 1 = 8

XXXIII = 10 + 10 + 10 + 1 + 1 + 1 = 33

CLXXVIII = 100 + 50 + 10 + 10 + 5 + 1 + 1 + 1 = 178

MMX = 1,000 + 1,000 + 10 = 2,010

|  |
| --- |
|  |

**SUBTRACTIVE SYSTEM**You can write ***one*** smaller numeral to the left of a larger one to subtract from it! The table below has all the allowed subtractive combinations

|  |  |  |
| --- | --- | --- |
| **Roman Numeral** | **Value** | **Equivalent** |
| **IV** | **4** | **IIII** |
| **IX** | **9** | **VIIII** |
| **XL** | **40** | **XXXX** |
| **XC** | **90** | **LXXXX** |
| **CD** | **400** | **CCCC** |
| **CM** | **900** | **DCCCC** |