I

## one

IV
four

## II

## two


five

III
three

six

## VII

seven

## VIII

 eight nine

XI
XII

## eleven

twelve


## XIV

## fourteen

## thirteen

XVI
sixteen

XV

## fifteen

## XVIII

eighteen

## XIX nineteen


forty

## twenty

thirty
XX
XXX

LX
sixty

## LXX

seventy
eighty

M
one thousand

XC
ninety

D
five hundred

## Roman Numerals

Roman numerals are expressed by letters of the alphabet and are rarely used today except for formality or variety. There are four basic principles for reading Roman numerals:

1. A letter repeated once or twice repeats its value that many times ( $\mathrm{XXX}=30, \mathrm{CC}=$ 200, etc.).
2. One or more letters placed after another letter of greater value increases the greater value by the amount of the smaller ( $\mathrm{VI}=$ $6, \mathrm{LXX}=70, \mathrm{MCC}=1200$, etc.).
3. A letter placed before another letter of greater value decreases the greater value by the amount of the smaller (IV $=4, \mathrm{XC}$ $=90, \mathrm{CM}=900$, etc.).
4. A bar placed on top of a letter or string of letters increases the numeral's value by 1,000 times $(X V=15, \bar{X} \bar{V}=15,000)$.

| Letter | Value |
| :---: | :---: |
| I | 1 |
| II | 2 |
| III | 3 |
| IV | 4 |
| V | 5 |
| VI | 6 |
| VII | 7 |
| VIII | 8 |
| IX | 9 |
| X | 10 |
| XX | 20 |
| XXX | 30 |
| XL | 40 |
| L | 50 |
| LX | 60 |
| LXX | 70 |
| LXXX | 80 |
| XC | 90 |
| C | 100 |
| D | 500 |
| M | 1,000 |
| $\overline{\mathrm{V}}$ | 5,000 |
| $\overline{\mathrm{X}}$ | 10,000 |
| $\bar{L}$ | 50,000 |
| $\overline{\mathrm{C}}$ | 100,000 |
| $\overline{\mathrm{D}}$ | 500,000 |
| $\overline{\mathrm{M}}$ | 1,000,000 |

