

Number representations in different bases

L=50, D=500, M=1000 Base ten

Base two

Base three

Base five

Base seven

Roman Numerals 0,1,2,3,4,5,6,7,8,9

0,1

0,1,2

0,1,2,3,4

0,1,2,3,4,5,6

Digits available in each base:

Roman Numerals	Base ten	Base two	Base three	Base five	Base seven
0	0	0	0		
I	1	1	1		
II	2	10	11		
III	3	11	111		
IV	4	100	1111		
V	5	101	11111		
VI	6	110	11110		
VII	7	111	111111		
VIII	8	1000	1111111		
IX	9	1001	1111110		
X	10				
XI					
XII					
XIII					
XIV					
XV					
XVI					
XVII					
XVIII					
XIX					
XX					
XXI					
XXII					
XXIII					
XXIV					
XXV					

	Base ten	Base two	Base three	Base five	Base seven
Roman Numerals	0,1,2,3,4,5,6,7,8,9	0,1	0,1,2	0,1,2,3,4	0,1,2,3,4,5,6
XXVI					
XXVII					
XXVIII					
XXIX					
XXX					
XXXI					
XXXII					
XXXIII					
XXXIV					
XXXV					
XXXVI					
XXXVII					
XXXVIII					
XXXIX					
XL					
XLI					
XLII					
XLIII					
XLIV					
XLV					
XLVI					
XLVII					