



### Exercise 1G

Q1

**Answer :**

We may write these numbers as given below:

(i)  $2 = \text{II}$

(ii)  $8 = (5 + 3) = \text{VIII}$

(iii)  $14 = (10 + 4) = \text{XIV}$

(iv)  $29 = (10 + 10 + 9) = \text{XXIX}$

(v)  $36 = (10 + 10 + 10 + 6) = \text{XXXVI}$

(vi)  $43 = (50 - 10) + 3 = \text{XLIII}$

(vii)  $54 = (50 + 4) = \text{LIV}$

(viii)  $61 = (50 + 10 + 1) = \text{LXI}$

(ix)  $73 = (50 + 10 + 10 + 3) = \text{LXXIII}$

(x)  $81 = (50 + 10 + 10 + 10 + 1) = \text{LXXXI}$

(xi)  $91 = (100 - 10) + 1 = \text{XCI}$

(xii)  $95 = (100 - 10) + 5 = \text{XCV}$

(xiii)  $99 = (100 - 10) + 9 = \text{XCIX}$

(xiv)  $105 = (100 + 5) = \text{CV}$

(xv)  $114 = (100 + 10) + 4 = \text{CXIV}$

Q2

**Answer :**

We may write these numbers in Roman numerals as follows:

- (i)  $164 = (100 + 50 + 10 + 4) = \text{CLXIV}$
- (ii)  $195 = 100 + (100 - 10) + 5 = \text{CXC V}$
- (iii)  $226 = (100 + 100 + 10 + 10 + 6) = \text{CCXXVI}$
- (iv)  $341 = 100 + 100 + 100 + (50 - 10) + 1 = \text{CCCXLI}$
- (v)  $475 = (500 - 100) + 50 + 10 + 10 + 5 = \text{CDLXXV}$
- (vi)  $596 = 500 + (100 - 10) + 6 = \text{DXCVI}$
- (vii)  $611 = 500 + 100 + 11 = \text{DCXI}$
- (viii)  $759 = 500 + 100 + 100 + 50 + 9 = \text{DCCLIX}$

Q3

**Answer :**

We can write the given Roman numerals in Hindu-Arabic numerals as follows:

- (i)  $\text{XXVII} = 10 + 10 + 7 = 27$
- (ii)  $\text{XXXIV} = 10 + 10 + 10 + 4 = 34$
- (iii)  $\text{XLV} = (50 - 10) + 5 = 45$
- (iv)  $\text{LIV} = 50 + 4 = 54$
- (v)  $\text{LXXIV} = 50 + 10 + 10 + 4 = 74$
- (vi)  $\text{XCI} = (100 - 10) + 1 = 91$
- (vii)  $\text{XCVI} = (100 - 10) + 6 = 96$
- (viii)  $\text{CXI} = 100 + 10 + 1 = 111$
- (ix)  $\text{CLIV} = 100 + 50 + 4 = 154$
- (x)  $\text{CCXXIV} = 100 + 100 + 10 + 10 + 4 = 224$
- (xi)  $\text{CCCLXV} = 100 + 100 + 100 + 50 + 10 + 5 = 365$
- (xii)  $\text{CDXIV} = (500 - 100) + 10 + 4 = 414$
- (xiii)  $\text{CDLXIV} = (500 - 100) + 50 + 10 + 4 = 464$
- (xiv)  $\text{DVI} = 500 + 6 = 506$
- (xv)  $\text{DCCLXVI} = 500 + 100 + 100 + 50 + 10 + 6 = 766$

Q4

**Answer :**

- (i) VC is wrong because V, L and D are never subtracted.
- (ii) IL is wrong because I can be subtracted from V and X only.
- (iii) VVII is wrong because V, L and D are never repeated.
- (iv) IXX is wrong because X (ten) must be placed before IX (nine).

\*\*\*\*\* END \*\*\*\*\*