

Some Examples :

Hindu-Arabic Numeral		Roman Numeral	
8	$5 + 3$	$V + III$	VIII
15	$10 + 5$	$X + V$	XV
21	$20 + 1$	$XX + I$	XXI
24	$20 + (5 - 1)$	$XX + (V - I)$	XXIV
37	$30 + 5 + 2$	$XXX + V + II$	XXXVII
40	$50 - 10$	$L - X$	XL
53	$50 + 3$	$L + III$	LIII
63	$50 + 10 + 3$	$L + X + III$	LXIII
79	$50 + 20 + (10 - 1)$	$L + XX + (X - I)$	LXXIX
89	$50 + 30 + (10 - 1)$	$L + XXX + (X - I)$	LXXXIX
90	$100 - 10$	$C - X$	XC
99	$(100 - 10) + 9$	$(C - X) + IX$	XCIX

Activity-1

1. Write the Roman numeral for :

- (a) 25 ...XXV..... (b) 30 ...XXX..... (c) 42 ...XLII.....
 (d) 52 ...LII..... (e) 65 ...LXV..... (f) 79 ...LXXIX.....
 (g) 84 ...LXXXIV..... (h) 91 ...XCI..... (i) 94 ...XCIV.....

2. Write the Hindu-Arabic numeral for :

- (a) IX9..... (b) XXIII23..... (c) XXXIV34.....
 (d) XLI41..... (e) LXXIV74..... (f) LXXVII77.....
 (g) LXXX80..... (h) XCVII97..... (i) XCV95.....

3. Write $>$, $<$ or $=$:

- (a) 98 $>$ XCVII (b) 34 $=$ XXXIV
 (c) LXIII $<$ 73 (d) LXXX $<$ 82
 (e) XCVIII $<$ XCIX (f) LX $>$ XL

4. Write the answer in Roman numerals :

(a) XXIII + V = ...XXVIII...

(b) XXXIX + VIII = ...XLVII...

(c) XC + XL = ...CXXX...

(d) V + XII = ...XVII...

(e) C + X = ...CX...

(f) LV + V = ...LX...

Mental Maths Corner

1. Tick (✓) the correct answer.

(a) 99 is the same as

- (i) IC (ii) IXIX (iii) XCIX (iv) CIX

(b) XIX + XXX =

- (i) L (ii) XLIX (iii) LIX (iv) XXXIX

(c) XL - ? = XXIX

- (i) IX (ii) X (iii) XI (iv) XXI

(d) Roman numeral I can be subtracted only from V and _____.

- (i) I (ii) X (iii) L (iv) C

2. Write true (T) or false (F) :

(a) Number 13 is written as IIIX.

F

(b) XLV = 45.

T

(c) 10 less than 100 is written as XC.

T

(d) Number 29 is written as XXVIII.

F

(e) Number 40 is written as LX.

F

(f) Number 75 is written as LXXV.

T

3. Fill in the blanks using Roman numerals. H.W.

(a) I celebrate my birthday on of (month).

(b) I am years old.

(c) I study in class

(d) My class has students.

Review Exercise

1. Match the following :

- (a) 32
- (b) 19
- (c) 46
- (d) 74
- (e) 88

- (i) LXXXVIII (e)
- (ii) LXXIV (d)
- (iii) XXXII (a)
- (iv) XLVI (c)
- (v) XIX (b)

2. Complete the following tables :

(a)

Hindu-Arabic Numeral	Roman Numeral
14	XIV
33	XXXIII
61	LXI
85	LXXXV
57	LVII

(b)

Hindu-Arabic Numeral	Roman Numeral
48	XLVIII
66	LXVI
90	XC
22	XXII
99	XCIX

3. Write $>$, $<$ or $=$:

(a) $XXI + III > XXIII$

(c) $83 > LXXX$

(e) $XLV = 45$

(b) $L \div V = X$

(d) $LXII - II < LXIV$

(f) $VII \times IV < XXX$

4. Circle the incorrect Roman numerals :

(a) XV IIIX XL

(b) XIX IVX XL

(c) XC XXC LII

XXC LIII XCVIII

XXXC LIV

CVIV XXXIV

HOTS
Question

Complete the cross number puzzle with Hindu-Arabic numerals.

a→ 1	b↓ 4		c→ 6	1	
	0		6		d↓ 1
				e→ 3	1
	f→ 7	7		g→ 4	6
h↓ 8		i→ 5	j↓ 4		
2			k→ 9	5	

	Across →	Down ↓
(a)	X + IV	(b) L - X
(c)	LX + I	(c) LX + VI
(e)	XX + XI	(d) CX + VI
(f)	L + XXVII	(h) LXXX + II
(g)	XL + VI	(j) XL + IX
(i)	L + IV	
(k)	XC + V	

Maths Lab Activity

Prepare these Roman Number sentences with the help of matchsticks. Now re-arrange only one matchstick to correct these sentences.

- V = II = VI
- IV + I = II
- X + IV = V
- II + II = VI
- IV = III - II

Example :

