

## Varied Fluency

### Step 1: Roman Numerals

#### National Curriculum Objectives:

Mathematics Year 4: (4N3b) [Read Roman numerals to 100 \(I to C\) and know that over time, the numeral system changed to include the concept of zero and place value](#)

Mathematics Year 4: (4N6) [Solve number and practical problems that involve all of the above and with increasingly large positive numbers](#)

#### Differentiation:

**Developing** Questions to recognising Roman numerals to 20 in calculations involving addition and subtraction.

**Expected** Questions to recognising Roman numerals to 100 in calculations involving addition and subtraction.

**Greater Depth** Questions to recognising Roman numerals to 100 in calculations involving addition and subtraction with more than one step and/or inverse operation.

More [Year 3 and Year 4 Place Value](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

## Roman Numerals

## Roman Numerals

1a. Complete the calculations giving your answers as Roman numerals.

A calculator-themed worksheet for Roman numeral addition. On the left, there are three boxes containing Roman numerals: VIII, X, and XIII. In the center, there is a green display showing '+ VI'. On the right, there is a blank box for the answer. Below the calculator are four colored buttons: red, blue, orange, and purple. A red star icon with a 'D' is in the bottom-left corner. The text '4 VF' is at the bottom right.

1b. Complete the calculations giving your answers as Roman numerals.

A calculator-themed worksheet for Roman numeral subtraction. On the left, there are three boxes containing Roman numerals: V, XVIII, and XV. In the center, there is a green display showing '- IV'. On the right, there is a blank box for the answer. Below the calculator are four colored buttons: red, blue, orange, and purple. A red star icon with a 'D' is in the bottom-left corner. The text '4 VF' is at the bottom right.

2a. Complete the bar models.

A worksheet featuring two bar models. Bar A has three segments; the first is labeled 'III' and the third is labeled 'XI'. Bar B has three segments; the first is labeled 'VI' and the third is labeled 'XIV'. Below each bar is a red star icon with a 'D'. The text '4 VF' is at the bottom right.

2b. Complete the bar models.

A worksheet featuring two bar models. Bar A has three segments; the first is labeled 'XIII' and the third is labeled 'XVIII'. Bar B has three segments; the first is labeled 'VI' and the third is labeled 'XI'. Below each bar is a red star icon with a 'D'. The text '4 VF' is at the bottom right.

3a. Fill in the missing Roman numerals in the number sequences.

	XVIII	XVI	XIV	XII
--	-------	-----	-----	-----

III	VI		XII	XV
-----	----	--	-----	----

4 VF

4a. True or false?

A worksheet showing a mathematical equation:  $\boxed{III} + \boxed{IX} = \boxed{XIII}$ . Below the equation is a red star icon with a 'D'. The text '4 VF' is at the bottom right.

5a. Circle the correct symbol.

A worksheet showing two addition equations for comparison:  $VIII + VII$  and  $IX + VI$ . Below each equation are three boxes containing '<', '=' (with a blue border), and '>'. A red star icon with a 'D' is in the bottom-left corner. The text '4 VF' is at the bottom right.

3b. Fill in the missing Roman numerals in the number sequences.

XVI	XV	XIV		XII
-----	----	-----	--	-----

I		V	VII	IX
---	--	---	-----	----

4 VF

4b. True or false?

A worksheet showing a mathematical equation:  $\boxed{XIX} - \boxed{XII} = \boxed{VII}$ . Below the equation is a red star icon with a 'D'. The text '4 VF' is at the bottom right.

5b. Circle the correct symbol.

A worksheet showing two subtraction equations for comparison:  $XVII - XI$  and  $XX - XIII$ . Below each equation are three boxes containing '<', '=' (with a blue border), and '>'. A red star icon with a 'D' is in the bottom-left corner. The text '4 VF' is at the bottom right.

## Roman Numerals

## Roman Numerals

6a. Complete the calculations giving your answers as Roman numerals.

LXXXIV		
LXVI		
XLI		



4 VF

7a. Complete the bar models.

A			B		
	XXXIII	XVII		XLIII	LXXXII



4 VF

8a. Fill in the missing Roman numerals in the number sequences.

LII	LXII		LXXXII	XCII
XCVII	XCVI	XCV		XCIII



4 VF

9a. True or false?

	XXXIX	+ XIX	= L
--	-------	-------	-----

4 VF

10a. Circle the correct symbol.

	<input type="checkbox"/> <	
XXXVII + LX	<input checked="" type="checkbox"/> =	XXXIV + LIX
	<input type="checkbox"/> >	

4 VF

6b. Complete the calculations giving your answers as Roman numerals.

XLI		
LXIII		
XLVII		



4 VF

7b. Complete the bar models.

A		XXXIV	B		LIII
		XXVII		XCIII	



4 VF

8b. Fill in the missing Roman numerals in the number sequences.

C	XC		LXX	LX
LXI		LXIII	LXIV	LXV



4 VF

9b. True or false?

	LIX	- LIV	= V
--	-----	-------	-----

4 VF

10b. Circle the correct symbol.

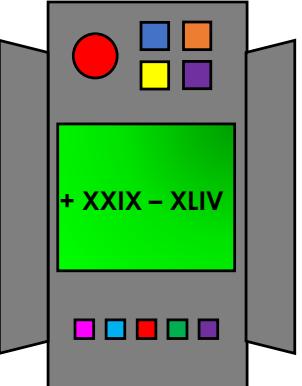
	<input type="checkbox"/> <	
LXXXVI - LXI	<input checked="" type="checkbox"/> =	LXXV - L
	<input type="checkbox"/> >	

4 VF

## Roman Numerals

## Roman Numerals

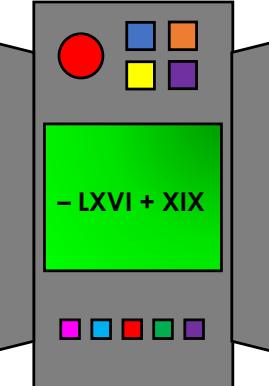
11a. Complete the calculations giving your answers as Roman numerals.

XXXVIII		XXXIV
XLIV		



4 VF

11b. Complete the calculations giving your answers as Roman numerals.

		LII
LXIX		XXVII



4 VF

12a. Complete the bar models.

A	LXVI	XLI	B	IV	C
		IX			
		XCV			



4 VF

12b. Complete the bar models.

A	XXXIX		B	XVI	
	XXIV			XLVII	
	XXXI				



4 VF

13a. Fill in the missing Roman numerals in the number sequences.

	XXII	XLIII		
LI		LXXIII		XCV



4 VF

13b. Fill in the missing Roman numerals in the number sequences.

XXV	XL			
	LXIII		LXXXI	XC



4 VF

14a. True or false?

$$\boxed{XXVII} + \boxed{XXXIV} + \boxed{XXIX} = \boxed{XC}$$



4 VF

14b. True or false?

$$\boxed{XCIV} + \boxed{II} - \boxed{XXXIX} = \boxed{LII}$$



4 VF

15a. Circle the correct symbol.

<

$$\boxed{XCV} - \boxed{LIV} - \boxed{XXVI} = \boxed{XCVI} - \boxed{LXXV} - \boxed{IX}$$

>



4 VF

<

$$\boxed{XCVIII} - \boxed{LIV} - \boxed{XVIII} = \boxed{LXXIV} - \boxed{XXVII} - \boxed{XX}$$

>



4 VF

## Varied Fluency Roman Numerals

### Developing

- 1a. XIV; XVI; XIX
- 2a. A = VIII; B = XX
- 3a. XX; IX
- 4a. False. XII
- 5a. =

### Expected

- 6a. XCVIII; LXXX; LV
- 7a. A = L; B = XXXIX
- 8a. LXXII; XCIV
- 9a. False. LVIII
- 10a. >

### Greater Depth

- 11a. XXIII; XLIX; XXIX
- 12a. A = XVI; B= I
- 13a. I, LXIV, LXXXV; LXII, LXXXIV
- 14a. True
- 15a. >

## Varied Fluency Roman Numerals

### Developing

- 1b. I; XIV; XI
- 2b. A = V; B = XVII
- 3b. XIII; III
- 4b. True
- 5b. <

### Expected

- 6b. XVII; XXXIX; XXIII
- 7b. A = LXI; B = XL
- 8b. LXXX; LXII
- 9b. True
- 10b. =

### Greater Depth

- 11b. XCIX; LXXIV; XXII
- 12b. A = XCIV; B = XI
- 13b. LV, LXX, LXXXV; LIV, LXXII
- 14b. False. LVII
- 15b. <