

# Homework/Extension

## 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:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Complete the addition and subtraction calculations using numerals, Roman numerals up to 20 and words.

**Expected** Complete the addition and subtraction calculations using numerals, Roman numerals up to 100 and words.

**Greater Depth** Complete the two-step addition and subtraction calculations using numerals, Roman numerals up to 100 and words.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Complete the number sequence using Roman numerals to 20 in calculations involving addition.

**Expected** Complete the number sequence using Roman numerals to 100 in calculations involving addition and subtraction.

**Greater Depth** Complete the number sequence using Roman numerals to 100 in addition and subtraction calculations involving inverse operation.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Identify the correct statement and explain why using knowledge of Roman numerals to 20.

**Expected** Identify the correct statement and explain why using knowledge of Roman numerals to 100.

**Greater Depth** Identify the correct statement when solving a two-step problem and explain why using knowledge of Roman numerals to 100.

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

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

# Roman Numerals

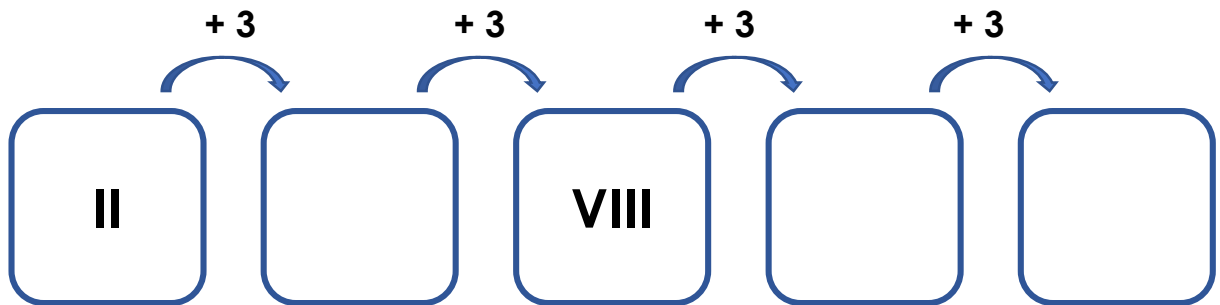
1. Complete the calculations in the table below

Numerals		Roman Numerals		Words
3	+		=	eight
	-	X	=	five
12	+		=	sixteen
20	-	XIV	=	



VF  
HW/Ext

2. The numbers below are increasing by three each time. Complete the three missing Roman numerals in the number sequence below.



VF  
HW/Ext

3. Helen and Ben are discussing Roman numerals.



Helen

I think that  
IV = 6  
because  
 $1 + 5 = 6$ .



Ben

I think that  
IV = 4  
because  
 $5 - 1 = 4$ .

Who is correct? Explain your answer.



RPS  
HW/Ext

# Roman Numerals

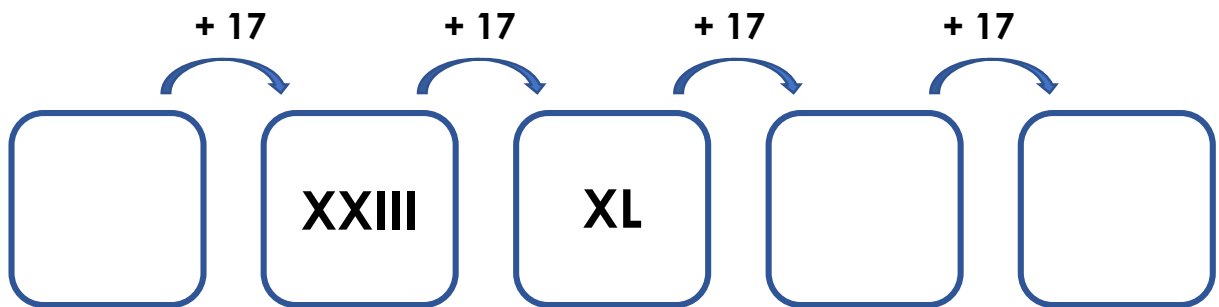
4. Complete the calculations in the table below

Numerals		Roman Numerals		Words
26	+		=	forty
69	-	LV	=	
24	+		=	eighty-five
	-	XCVIII	=	two



VF  
HW/Ext

5. The numbers below are increasing by seventeen each time. Complete the three missing Roman numerals in the number sequence below.



VF  
HW/Ext

6. Harry and Megan are discussing Roman numerals.



Harry

I think that XL  
= 60 because  
 $10 + 50 = 60$ .



Megan

I think that XL  
= 40 because  
 $50 - 10 = 40$ .

Who is correct? Explain your answer.



RPS  
HW/Ext

# Roman Numerals

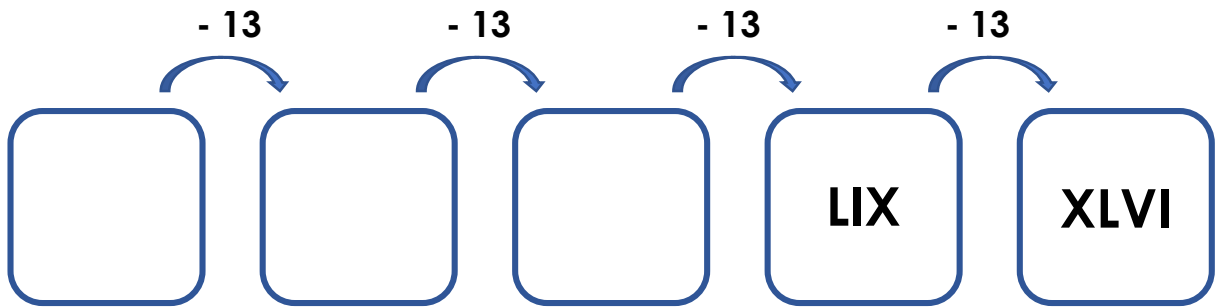
7. Complete the calculations in the table below

Numeral		Roman Numerals		Roman Numerals		Words
3	+		+	IX	=	fifty-six
	+	XCVI	-	XXIV	=	seventy-six
75	+	XIV	-		=	twenty-three
100	-	XLIX	-	XLV	=	



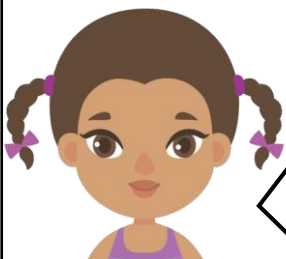
VF  
HW/Ext

8. The numbers below are decreasing by thirteen each time. Complete the three missing Roman numerals from the number sequence below.



VF  
HW/Ext

9. Zoe and William are discussing Roman numerals.



Zoe

I think that  
XCIV = 116  
because  
 $10 + 100 + 1 + 5 = 116$ .



William

I think that  
XCIV = 94  
because  
 $100 - 10 = 90$   
and  $5 - 1 = 4$ .

Who is correct? Explain your answer.



RPS  
HW/Ext

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## Roman Numerals

### Developing

1.

Numerals		Roman Numerals		Words
3	+	V	=	eight
15	-	X	=	five
12	+	IV	=	sixteen
20	-	XIV	=	six

2. II; V; VIII; XI; XIV

3. Ben is correct. When I is placed before V, it represents 1 less than 5 (4).

### Expected

4.

Numerals		Roman Numerals		Words
26	+	XIV	=	forty
69	-	LV	=	fourteen
24	+	LXI	=	eighty-five
100	-	XCVIII	=	two

5. VI; XXIII; XL; LVII; LXXIV

6. Megan is correct. When X is placed before L, it represents 10 less than 50 (40).

### Greater Depth

7.

Numerals		Roman Numerals		Roman Numerals		Words
3	+	XLIV	+	IX	=	fifty-six
4	+	XCVI	-	XXIV	=	seventy-six
75	+	XIV	-	LXVI	=	twenty-three
100	-	XLIX	-	XLV	=	six

8. XCVIII; LXXXV; LXXII; LIX; XLVI

9. William is correct. When X is placed before C, it represents 10 less than 100 (90) and when I is placed before V, it represents 1 less than 5 (4).  $90 + 4 = 94$