#LIFEworkbalance

We have started a #LIFEworkbalance campaign and we need your help to complete our LIFE/work balance survey.

We hope to publish the results soon, so please give 15 minutes of your time to help us get a true picture of school life.

Want to be a part of this campaign? Take the survey on our website and share it with your colleagues!

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Year 4 – Autumn Block 1 – Place Value – Roman Numerals

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

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

More Year 4 Place Value resources.

Did you like this resource? Don't forget to review it on our website.

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Step 1: Roman Numerals

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Introduction

Match the words, numerals and Roman numerals.

four	15	L
twenty	100	IV
fifteen	9	IX
fifty	4	XV
one hundred	50	XX
nine	20	C

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Introduction

Match the words, numerals and Roman numerals.

four	4	IV
twenty	20	XX
fifteen	15	XV
fifty	50	L
one hundred	100	C
nine	9	IX

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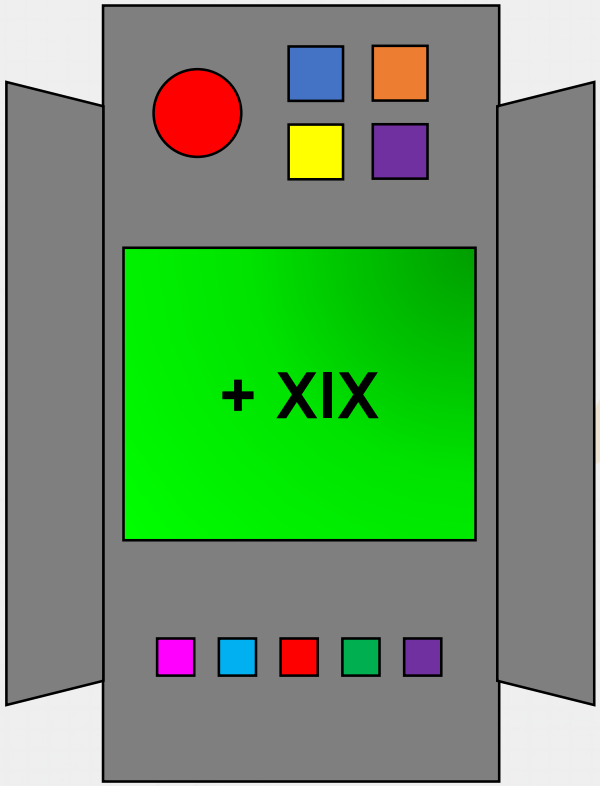
Varied Fluency 1

Complete the calculations giving your answers as Roman numerals.

XLII		
XXXIV		
LXXI		

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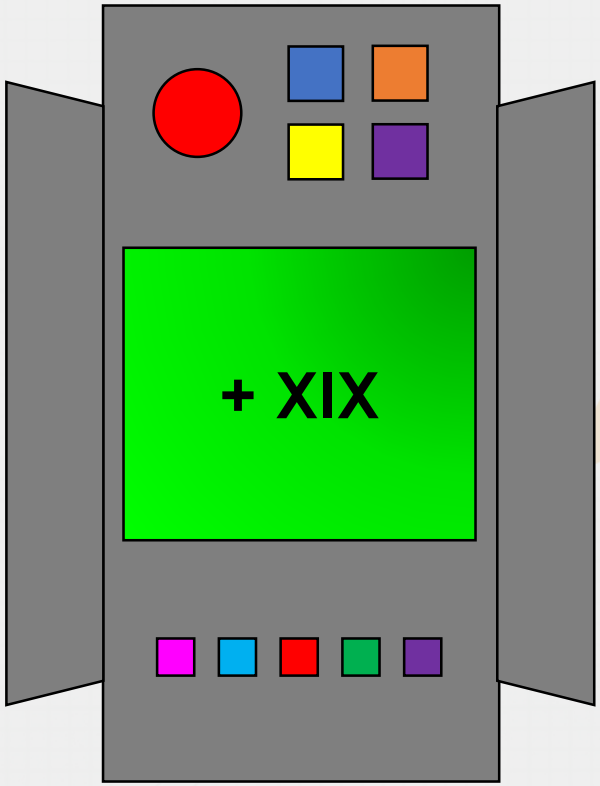
Varied Fluency 1

Complete the calculations giving your answers as Roman numerals.

XLII	+ XIX	LXI
XXXIV		LIII
LXXI		XC



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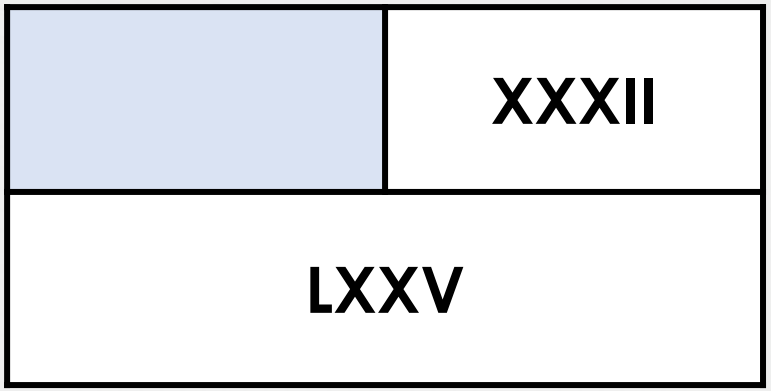
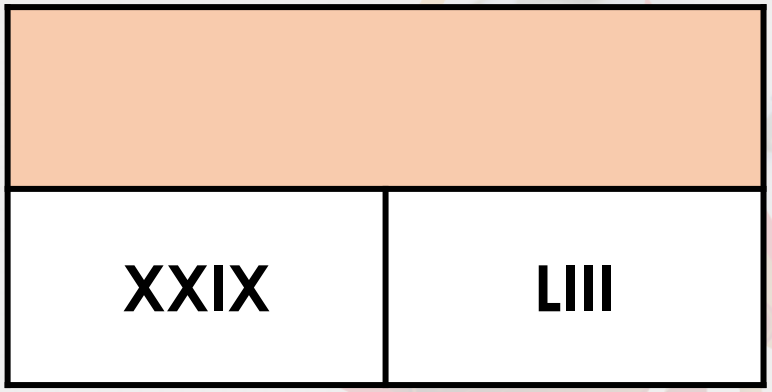
Varied Fluency 2

Complete the bar model.





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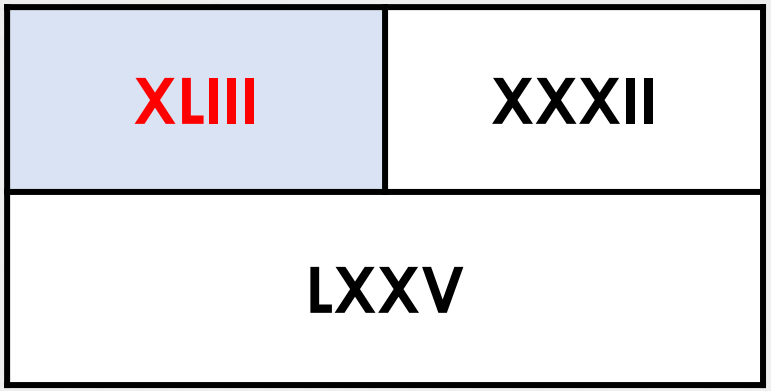
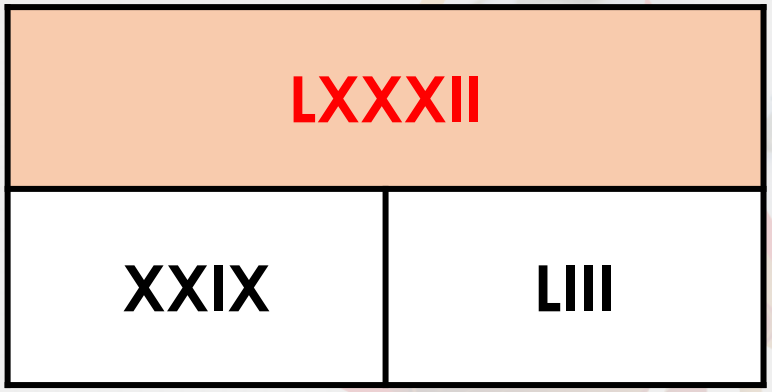
Varied Fluency 2

Complete the bar model.





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Varied Fluency 3

Fill in the missing Roman numerals in the number sequences.

LXXI	LXI		XLI	XXXI

XX	XXV		XXXV	XL

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Varied Fluency 3

Fill in the missing Roman numerals in the number sequences.

LXXI 71	LXI 61	LI 51	XLI 41	XXXI 31

XX 20	XXV 25	XXX 30	XXXV 35	XL 40

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Varied Fluency 4

True or false?

XLVII + XXIX = LXXV

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Varied Fluency 4

True or false?

XLVII + XXIX = LXXV

False. XLVII + XXIX = LXXVI

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Varied Fluency 5

Circle the correct symbol.

LXXVIII + VIII ○ XC + IX

○ <

○ =

○ >

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Varied Fluency 5

Circle the correct symbol.

LXXVIII + VIII **<** = > XC + IX

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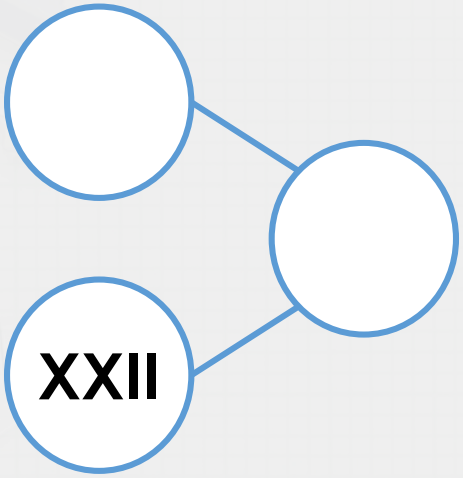
Problem Solving 1

Using these numbers, find as many ways as you can to complete this part whole model.



XXXII

X

LIV

LXXVI

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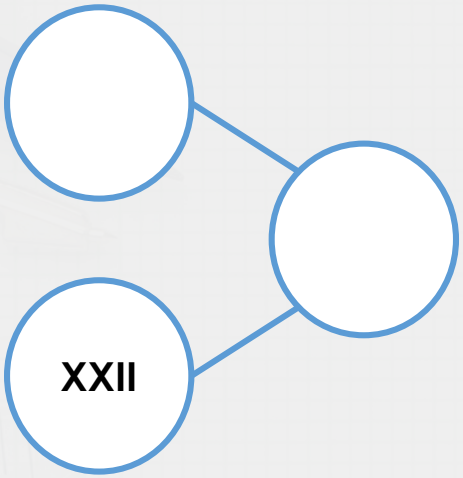
Problem Solving 1

Using these numbers, find as many ways as you can to complete this part whole model.

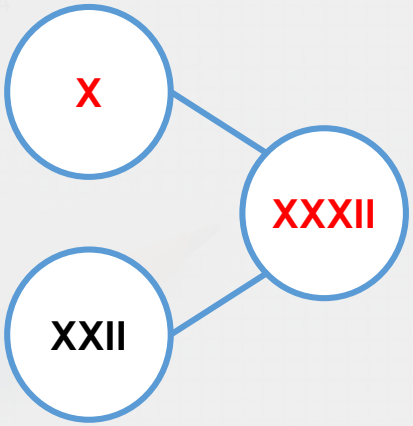


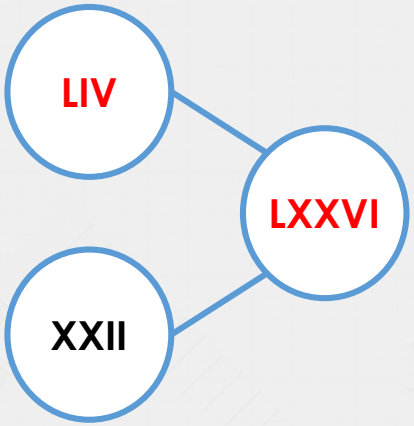
XXXII

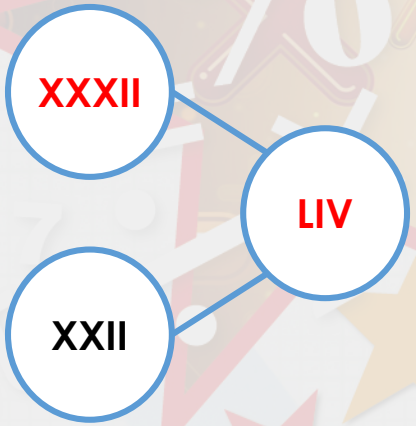
X

LIV

LXXVI







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Problem Solving 2

Use these Roman numerals to write 3 calculations using addition or subtraction totalling no more than 100.

XLIV	XXXIX	XCIX	LV

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Problem Solving 2

Use these Roman numerals to write 3 calculations using addition or subtraction totalling no more than 100.

XLIV	XXXIX	XCIX	LV

Various answers, for example:

XLIV + XXXIX = LXXXIII; XCIX – LV = XLIV

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Reasoning 1

Lucy says:

Subtracting a Roman numeral which includes V from a Roman numeral with an L will equal 45 or less.

Is her statement correct? Prove it.

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Reasoning 1

Lucy says:

> **Subtracting a Roman numeral which includes V from a Roman numeral with an L will equal 45 or less.**

Is her statement correct? Prove it.

No because….

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Reasoning 1

Lucy says:

> **Subtracting a Roman numeral which includes V from a Roman numeral with an L will equal 45 or less.**

Is her statement correct? Prove it.

No because if you had: LX (60) – V (5) = LV (55)

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