30.1.19	Objective:	To read and understand Roman Numerals.
		Can I read Roman numerals to 100 (I to C)? Can I understand that over time, the numeral system changed to include the concept of zero and place value?

Challenge 1
Varied Fluency

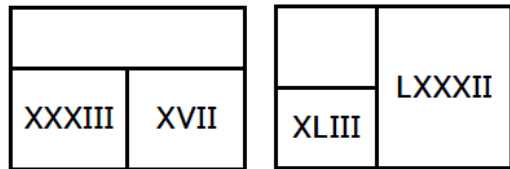Write these calculations out in Roman Numerals and Arabic Numerals.
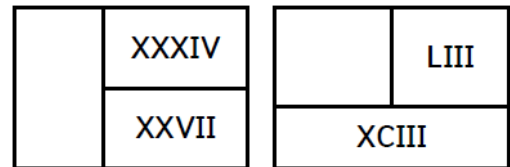
1. II + V =

2. III + X =

3. VI + L =

Challenge 1
Varied Fluency

Complete the bar models.

XXXIII	XVII

XLIII	LXXXII

Complete the bar models.

	XXXIV
	XXVII

	LIII
XCIII	

Challenge 2
Varied Fluency

Complete the function machines.

LXXV → +10 → [ ]

XII → +5 → [ ]

[ ] → +10 → LI

[ ] → +5 → VII

Challenge 2
Varied Fluency

10a. Fill in the missing Roman numerals in the number sequences.

LII	LXII		LXXXII	XCII

XCVII	XCVI	XCV		XCIII
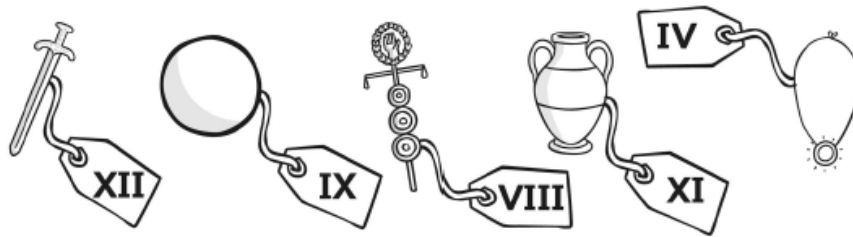
XII · IX · VIII · XI · IV

1	2	3	4	5	6	7	8	9	10
I	II	III	IV	V	VI	VII	VIII	IX	X
11	12	13	14	15	16	17	18	19	20
XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX

Shopping List

Monday	⬭ **+** 🏺 **=**
Tuesday	🗡 **+** ◯ **=**
Wednesday	⚕ **+** ⬭ **=**
Thursday	🏺 **+** ◯ **=**
Friday	⬭ **+** 🗡 **=**

Challenge Three

Reasoning and Problem Solving

Work out the cost of the items on this shopping list for each day of the week.