Bronze

1a. XIV; XVI; XIX 1b. XII and XIV

2a. A = VIII; B = XX X and XII

3a. XX; IX 2b. Various answers, for example:

4a. False, XII x + y = xy; x + y = xy

3b. No because If you had: XII(12) – V(5)

5q. = 7 or X(10) - IV(4) = IX(9)

<u>Silver</u>

6a. XCVIII; LXXX; LV LXIX and XXIV

7a. A = L; B = XXXIX 5b. Various answers, for example:

8a. LXXII; XCIV XCVII - XXIX = LXVIII; XLIII + XXXIV =

Ca. Exxii, XCIV

9a. False. LVIII 6b. No because If you had: IX (9) + IX + IX

10a. > = XXVII (27)

<u>Gold</u>

11a. XXIII; XLIX; XXIX

12a. A = XVI; B= I

13a. I, LXIV, LXXXV; LXII, LXXXIV

14a. True

15a. >

7b. Various answers, for example:

XLI and XXXIV and XCIV

XLI and XXIV and LXXXIV

XXXIV and XXIV and LXXVII

XXXIV and XXXIV and LXXXVII

8b. Various answers, for example:

LXIV + XIII + XIX = XCVI; LXXXIX - XXI -

XXIX = XXXIX

9b. No because If you had: IV(4) + IX (9) +

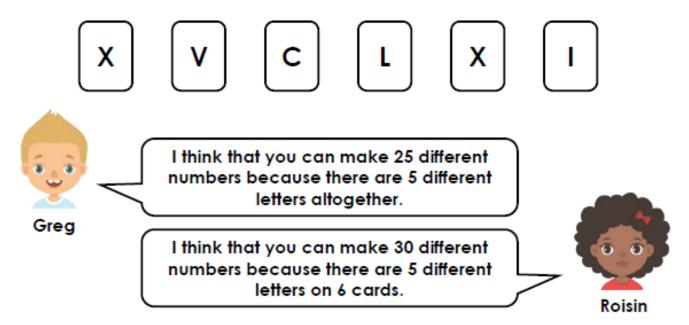
XL(40) = LIII(53)

Challenge

1. These pieces are part of a hundred square but the numbers are all in Roman numerals. Place the pieces back together and convert the Roman numerals back into

numbers.															
		LXVI	LXV II	LXV LXIX III			XXI X		XXII	XX	Ш	XXIV	XXV	7	
	V	XX	LXX VI	LXX VII	LXX VIII	LXX IX		XX		XXX II	XX	- 8	XXX IV	XXX V	ζ.
LXX XIV	E	XX CV	LXX XVI	LXX XVII	LXX XVIII	LXX XIX		XLI		XLII	XL	Ш			
										LII	LIII				
XLI	V X	CLV	XLVI	XLV II							LXIII				
LIV	L	LV	LVI	LVII		21	22	23	24	25					
LXI	v T	LXV	1			31	32	33	34	35					
LAI	' '	22.4		41	42	43 44		45	46	47					
LXX						,	52	53	54	55	56	57			
IV								63	64	65	66	67	68	69	
The p	The pieces when converted and placed correctly										76	77	78	79	
should look like the diagram on the right.										85	86	87	88	89	D

2. Two friends are discussing these Roman numerals.



Pupils should provide written evidence of their number combinations. There are 46 possible numbers under 100 using the cards above, therefore Roisin is the most accurate as she was closest to the correct amount of possible numbers.

Investigate whose statement is the most accurate and prove it!