SIMMERING BRONZE

Section 1

Use the correct sign < or > to make these true:

15 20 13 8

Section 2

What are the missing numbers?

0 5 10 25 30

Section 3

Billy has 34 football cards. Max has 22 more. How many cards has Max got?



Section 4

Section 5

Which number is the odd one out? Explain how you know.

18 26 15 82 74

Section 6

Dance class starts at half past 9. It takes half an hour to get there. What time does Kim need to set off, to get there on time?

How muc

Kate eats $\frac{1}{4}$ of a pizza. What fraction of the pizza is left?



Section 7



Section 8

Are these correct? If not, can you make them right?

12 + 52 = 74

106 - 13 = 91

48 - 15 = 33

SIMMERING SILVER

Section 1

324 + 216 =

215 + = 515

How many right angles are here?

Section 2

What is $\frac{1}{3}$ of 27?

What is $\frac{2}{10}$ of 50?

Section 3

11 12 1 10 2 9 3 8 7 6 5

What time is this?

What time will it be in 2 hours and ten minutes?

Section 4

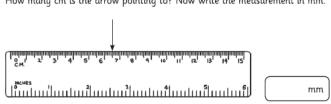
At Bessie's Farm 375 eggs were collected. 141 of them were sold. How many eggs were left?

	Н	Τ	0
_			

Section 6

Section 5

How many cm is the arrow pointing to? Now write the measurement in mm.



Section 7

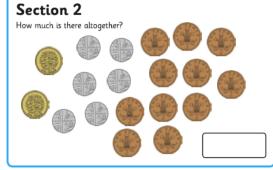
I buy a hat priced at £3.25. I pay using a £5 note. How much change will I have?

Section 8

How many faces does a cuboid have? Draw a cuboid here:

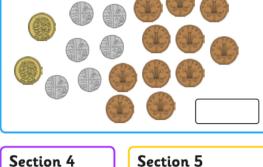
SIMMERING GOLD

Section 1 Complete the calculation: 170 x 4 = 120 x 8 = 190 x 3 = 220 x 4 =



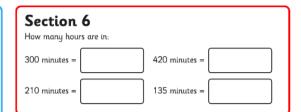
Section 3 Complete the following calculations: 1 6 8 4 0 3 4 5 7 2 5 8 1 9 1 8 5 9 3 3 7 5 9

Section 1



Section 4 There are 124 horses in a field. Half of the horses are coloured brown. 38 horses go into the stables. How many are left in the field?

Look at these numbers: 5 9 12 20 30
Find the product of the three smallest numbers.



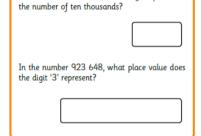
plete the grid.				
X				
8			96	
3	30			
5		45		

Section 7

What's the Magic Number?

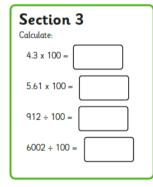
Section 8
Draw a rectangle with sides of 14.5cm and 12.5cm. What is the perimeter of the rectangle?

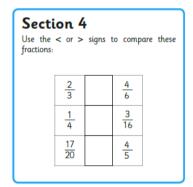
SIMMERING PLATINUM



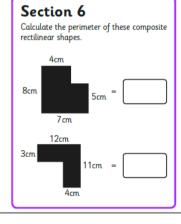
In the number 576 213, which digit represents

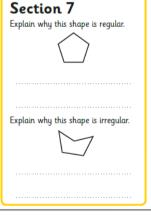
Section 2				
Calculate the following in your head:				
56 + 67 =				
48 + 36 =				
72 – 26 =				
91 – 67 =				





Section 5 In order from smallest to largest, write the following numbers in digits:			
four point	seven two		
four point seven forty point six nine			
smallest	largest		





	Y3	Y4	Y5	Y6	Total
Boys			45		179
Girls	47	37		39	
Total		89	89	87	

Complete the table.

Section 8

ANSWERS SIMMERING BRONZE

Section 1

Use the correct sign < or > to make these true:

15 < 20 13 > 8

Section 2

What are the missing numbers?

0 5 10 **15 20** 25 30 **35**

Section 4

Which number is the odd one out? Explain how you know.

18 26 15 82 74

15 because it is an odd number.

Section 6

Dance class starts at half past 9. It takes half an hour to get there. What time does Kim need to set off, to get there on time?

9 o'clock

Section 3

Billy has 34 football cards. Max has 22 more. How many cards has Max got?



56

Section 8

Are these correct? If not, can you make them right?

12 + 52 = 74

No, 12 + 52 = 64

106 - 13 = 91

No, 106 - 13 = 93

48 - 15 = 33

Yes

Section 5

Kate eats $\frac{1}{4}$ of a pizza. What fraction of the pizza is left?



3 4

Section 7

How much juice is in the jug?



ANSWERS SIMMERING SILVER

Section 1

324 + 216 = **540**

215 + **300** = 515

Section 2

What is $\frac{1}{3}$ of 27?

What is $\frac{2}{10}$ of 50? **10**

Section 5

How many right angles are here?



Section 6

How many cm is the arrow pointing to? Now write the measurement in mm.



Section 3



What time is this? 8:20

What time will it be in 2 hours and ten minutes?

10:30

Section 7

I buy a hat priced at £3.25. I pay using a £5 note. How much change will I have?

£1.75

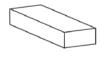
Section 4

At Bessie's Farm 375 eggs were collected. 141 of them were sold. How many eggs were left?

	Н	Т	0
	3	7	5
-	1	4	1
	2	3	4

Section 8

How many faces does a cuboid have? Draw a cuboid here:



6 sides

ANSWERS SIMMERING GOLD



120 x 8 = 960

190 x 3 = 570

220 x 4 = 880



Section 3

Complete the following calculations:

	1	6	8	4	0
-		3	4	5	7
	1	3	3	8	3

1 8 5 9 3 3 7 5 9 4 8 3 4

Section 4

There are 124 horses in a field. Half of the horses are coloured brown. 38 horses go into the stables. How many are left in the field?

86

Section 5

Look at these numbers: 5 9 12 20 30

Find the product of the three smallest numbers.

540

Section 6

How many hours are in:

420 minutes = 7 hours

210 minutes =
$$3\frac{1}{2}$$
 hours

135 minutes = $2\frac{1}{4}$ hours

Section 7

What's the Magic Number?

vvitura tit	e i-iugic	Number
Complete	the grid	l.

X	10	9	12
8	80	72	96
3	30	27	36
5	50	45	60

Section 8

Draw a rectangle with sides of 14.5cm and 12.5cm. What is the perimeter of the rectangle?

54cm

SIMMERING PLATINUM

Section 1

In the number 576 213, which digit represents the number of ten thousands?

In the number 923 648, what place value does the digit '3' represent?

> thousands, 3 thousands or 3000

Section 2

Calculate the following in your head:

Section 3

Calculate:

Section 4

Use the < or > signs to compare these fractions:

3	-	4 6
1 4	^	3 16
17 20	>	<u>4</u> 5

Section 5

In order from smallest to largest, write the following numbers in digits:

four point seven two

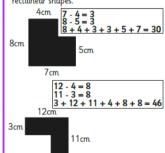
four point seven

forty point six nine

4.7	4.72	40.69
smallest		largest

Section 6

Calculate the perimeter of these composite rectilinear shapes.



Section 7

Explain why this shape is regular.



All sides are of equal length and

the internal angles are equal.

Explain why this shape is irregular.



Either of or both the length of the sides

and internal angles are not equal.

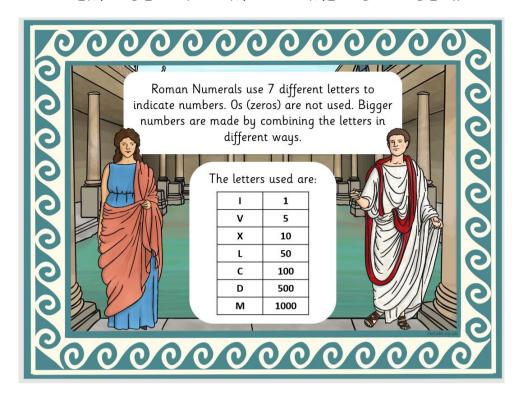
Section 8

Here is a table showing the number of boys and girls in each year group.

	Y3	Y4	Y 5	Y6	Total
Boys	34	52	45	48	179
Girls	47	37	44	39	167
Total	81	89	89	87	346

Complete the table.

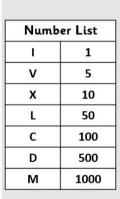
REMINDER OF ROMAN NUMERALS RULES...

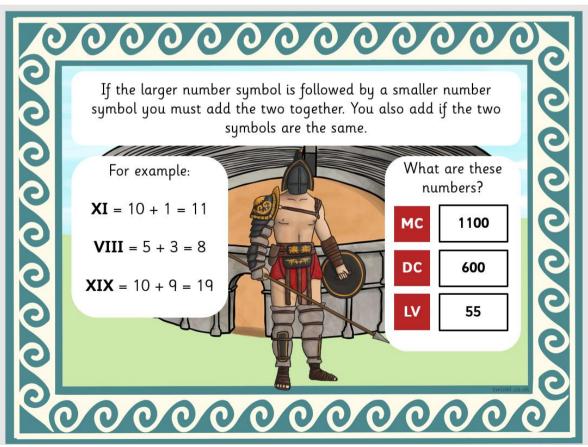


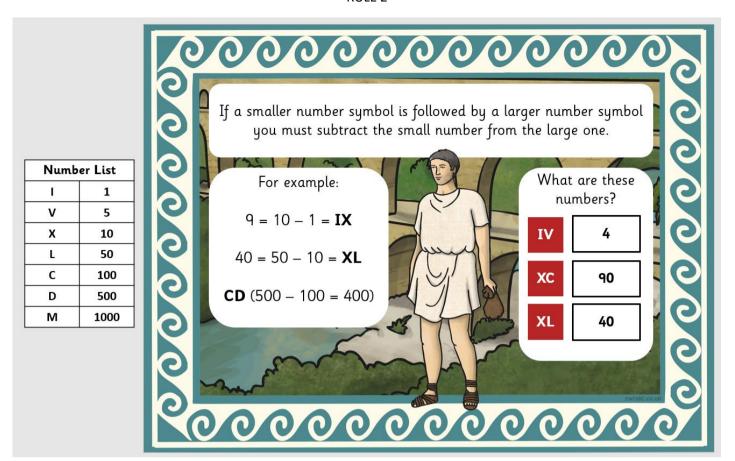
THESE ARE THE SYMBOLS USED BY THE ROMANS. WITH THESE THEY

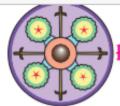
CREATE THE NUMBERS THEY WANT..

RULE 1

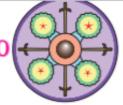








ROMAN NUMERALS CHART - 1 TO 100



1	2	3	4	5	6	7	8	9	10
-1	Ш	Ш	IV	٧	VI	VII	VIII	IX	Х
11	12	13	14	15	16	17	18	19	20
ΧI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX
21	22	23	24	25	26	27	28	29	30
XXI	XXII	XXIII	XXIV	XXV	XXVI	XXVII	XXVIII	XXIX	XXX
31	32	33	34	35	36	37	38	39	40
XXXI	XXXII	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	XXXVIII	XXXIX	XL
41	42	43	44	45	46	47	48	49	50
XLI	XLII	XLIII	XLIV	XLV	XLVI	XLVII	XLVIII	XLIX	L
51	52	53	54	55	56	57	58	59	60
LI	LII	LIII	LIV	LV	LVI	LVII	LVIII	LIX	LX
61	62	63	64	65	66	67	68	69	70
LXI	LXII	LXIII	LXIV	LXV	LXVI	LXVII	LXVIII	LXIX	LXX
71	72	73	74	75	76	77	78	79	80
LXXI	LXXII	LXXIII	LXXIV	LXXV	LXXVI	LXXVII	LXXVIII	LXXIX	LXXX
81	82	83	84	85	86	87	88	89	90
LXXXI	LXXXII	LXXXIII	LXXXIV	LXXXV	LXXXVI	LXXXVII	LXXXVIII	LXXXIX	XC
91	92	93	94	95	96	97	98	99	100
XCI	XCII	XCIII	XCIV	XCV	XCVI	XCVII	XCVIII	XCIX	С

Write the correct number next to the Roman Numerals.

Write the correct number next to the Roman Numerals.

VI = ____

IV =

I = ____

X = ____

XIX = ____

XIV = ____

XVIII = ____

XII = ____

XV = ____

II =

V = ____

VIII =

VII =

IV =

XVII =

XI =

XX =

XIII =

XVI = ____

III = ____

Write the correct Roman Numeral next to the numbers.

8 = ____

11 =

18 = ____

5 = ____

15 = ____

7 = ____

20 = ____

1 =

12 =

4 =

7 = ____

17 =

14 =

2 =

19 =

6 =

13 = ____

10 =

16 =

3 = ___

Write the correct number next to the Roman Numerals.

XII LXXX IIIVXX XLIX LXXXVI LII VIXX LXX XLIII XL XCIII ΙX LXVII XV LX LVIII XCVIII XCIX IIVXXX LXXVIII XCII

LI = ____ II = ____ XXXVIII = ____ XIX = LIX = XIII =

Write the correct Roman Numeral next to the numbers.

7 = ____ 16 = ____ 21 = ____ 56 = 72 = 36 =

90 = 14 = 55 =

90 = ____ 14 = ____ 55 = ____

75 = ____ 61 = ____ 41 = ____

81 = ____ 95 = ____ 17 = ____

20 = ____ 44 = ____ 77 = ____

62 = ____ 50 = ____ 83 = ____

39 = ____ 96 = ____ 91 = ____

97 = 89 = 100 =

Write the correct number next to the Roman Numerals.

XLVI	=	 CCCXVII	=	DC	=	
DCCXLV	=	DXCVIII	=	DCLXVI	=	
CIX	=	CLIV	=	CDVIII	=	
DLXXVIII	=	 CMIX	=	 DCCXCIX	=	
CCLXXXIX	=	 DIX	=	CMXXXIV	=	
CD	=	 CMXXII	=	DXXIII	=	
DCLV	=	 ccc	=	 CMLII	=	
DVI	=	 DCCC	=	CCCIII	=	
DCCXXXII	=	 CDLXIV	=	CMXCIX	=	
CCCXXXIV	=	CCCXXXIV	=	м.	=	

948	=	 944	=	 99	=	
176	=	 500	=	 622	=	
561	=	 618	=	 195	=	
643	=	 832	=	 368	=	
32	=	 45	=	 399	=	
418	=	 703	=	 274	=	
879	=	 900	=	 467	=	
355	=	 207	=	 544	=	
263	=	 482	=	 686	=	
898	=	 372	=	 846	=	

Write the correct number next to the Roman Numerals.

Write the correct number next to the Roman Numerals.

VI	=	6	
IV	=	4	
I	=	1	
X	=	10	
XIX	=	19	
XIV	=	14	
XVIII	=	18	
XII	=	12	
XV	=	15	
II	=	2	

ŏ	=	VIII
11	=	XI
18	=	XVIII
5	=	V
15	=	XV
7	=	VII
20	=	XX
1	=	I
12	=	XII
4	=	IV

ANSWERS GOLD

Recognising Roman Numerals

Write the correct number next to the Roman Numerals.

XII	=	12	LXXX	=	80	XXVIII	=	28
LXXXVI	=	86	XLIX	=	49	LII	=	52
XXIV	=	24	LXX	=	70	XLIII	=	43
XL	=	40	XCIII	=	93	IX	=	9
LXVII	=	67	XV	=	15	LX	=	60
LVIII	=	58	XCVIII	=	98	XCIX	=	99
XXXVII	=	37	LXXVIII	=	78	XCII	=	92
LI	=	51	II	=	2	XXXVIII	=	38
XIX	=	19	LIX	=	59	XIII	=	13
LXXXV	=	85	V	=	5	LXIX	=	69

7	=	VII	16	=	XVI	21	=	XXI
56	=	LVI	72	=	LXXII	36	=	XXXVI
90	=	XC	14	=	XIV	55	=	LV
75	=	LXXV	61	=	LXI	41	=	XLI
81	=	LXXXI	95	=	XCV	17	=	XVII
94	=	XCIV	31	=	XXXI	64	=	LXIV
20	=	XX	44	=	XLIV	77	=	LXXVII
62	=	LXII	50	=	L	83	=	LXXXIII
39	=	XXXVIX	96	=	XCVI	91	=	XCI
97	=	XCVII	89	=	LXXXIX	100	=	С

Write the correct number next to the Roman Numerals.

XLVI	=	46	CCCXVII	=	317	DC	=	600
DCCXLV	=	745	DXCVIII	=	598	DCLXVI	=	666
CIX	=	109	CLIV	=	154	CDVIII	=	408
DLXXVIII	=	578	CMIX	=	909	DCCXCIX	=	799
CCLXXXIX	=	289	DIX	=	509	CMXXXIV	=	934
CD	=	400	CMXXII	=	922	DXXIII	=	523
DCLV	=	655	ccc	=	300	CMLII	=	952
DVI	=	506	DCCC	=	800	сссііі	=	303
DCCXXXII	=	732	CDLXIV	=	464	CMXCIX	=	999
CCCXXXIV	=	334	CCCXXXIV	=	334	М	=	1000

948	=	CMXLVIII	944	=	= CMXLIV		=	XCIX
176	=	CLXXVI	500	=	D	622	=	DCXXII
561	=	DLXI	618	=	DCXVIII	195	=	cxcv
643	=	DCXLIII	832	=	DCCCXXXII	368	=	CCCLXVIII
32	=	XXXII	45	=	XLV	399	=	CCCXCIX
418	=	CDXVIII	703	=	DCCIII	274	=	CCLXXIV
879	=	DCCCLXXIX	900	=	СМ	467	=	CDLXVII
355	=	CCCLV	207	=	CCVII	544	=	DXLIV
263	=	CCLXIII	482	=	CDLXXXII	686	=	DCLXXXVI
898	=	DCCXCVIII	372	=	CCCLXXII	846	=	DCCCXLVI