

Maths- 30.3.20

Here are your maths tasks for this week- please use the book provided to complete the tasks ☺ We normally do maths Monday-Thursday, with Friday being our day for Mathletics and Times table rockstars to consolidate other areas of learning. Please see the Times table sheet for suggested activities.

Monday

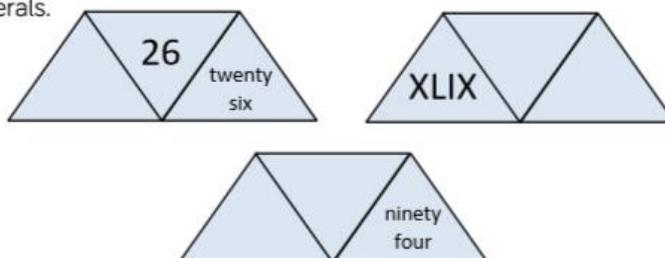
This week we will be looking at Roman Numerals from 1-100. Today, your task is to watch this video:
<https://www.youtube.com/watch?v=z1UmAgekzbs>

Then have a look at the picture below to help you answer what these numbers would be in roman numerals.

I	1	XXX	30
II	2	XL	40
III	3	L	50
IV	4	LX	60
V	5	LXX	70
VI	6	LXXX	80
VII	7	XC	90
VIII	8	C	100
IX	9	D	500
X	10	M	1,000
XX	20	MD	1,500

1. 23 =
2. 56 =
3. 72 =
4. 80 =
5. 50 =
6. 7 =
7. 99 =
8. 200 =

Challenge Each diagram shows a number in numerals, words and roman numerals.



Complete the diagrams.

Tuesday

Today, I would like you to watch the video again from above:

<https://www.youtube.com/watch?v=z1UmAgekzbs>

Then, complete the questions given below. If you are struggling, please use the chart from the first lesson, but try your best to remember these numbers from the song.

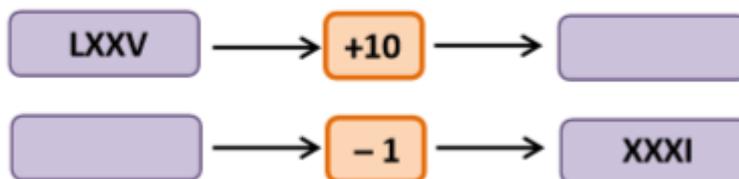
I = 1	V = 5	X = 10	L = 50	C = 100
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Can you find the value for all the numbers?

III	$1+1+1$	3
VI	$5+1$	
XI		11
	$10+5+1$	16
XXI	$10+10+1$	
	$10+10+10+5$	
LII		
LXX		

Challenge:

Complete the function machines.



Wednesday



We Romans deigned a fantastic way of adding and subtracting... I

I	V	X	L	C
1	5	10	50	100

challenge you to solve my problems.

Two things you must know:

1: A letter after a larger value letter means you add it:

E.G. XI is $10 + 1 = 11$ or CX is $100 + 10 = 110$

2. A small valued letter before a big one means you take it away:

E.G. IX is $10 - 1 = 9$ or XC is $100 - 10 = 90$

Work out what numbers these Roman numerals represent:

1. VIII = 2. IV = 3. XII = 4. XV =

5. LX = 6. XL = 7. XIV = 8. XVII =

Write these numbers in Roman numerals:

9. 13 = 10. 22 = 11. 30 = 12. 49 =

13. 25 = 14. 101 = 15. 99 = 16. 90 =

Challenge:

Solve these roman number sentences, write the answer in numbers.

1. LX - VIII = 2. XL - VI = 3. C + XL = 4. XIV + XIV =

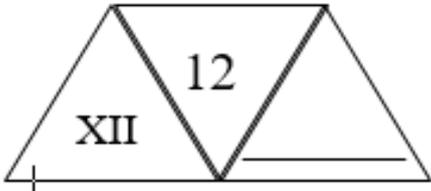
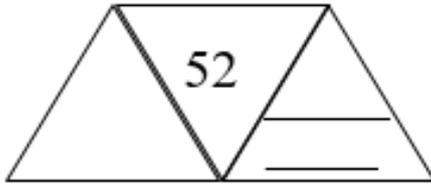
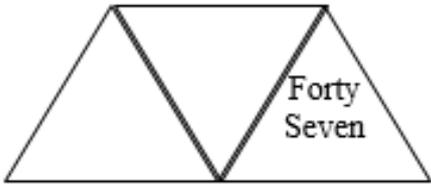
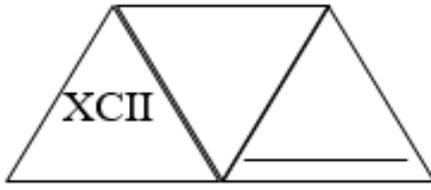
Solve these number sentences; write the answer in roman numerals.

1. $90 + 10 =$ 2. $85 - 15 =$ 3. $100 - 51 =$ 4. $32 - 5 =$

Thursday

Please watch the video again if needed and see if you can put your skills to the test with the questions below:

Challenge 1
Varied Fluency

Challenge 2
Reasoning and Problem Solving

Match the number to the correct Roman numeral.

81	XXVIII
28	LXXIV
34	LXXXI
63	XXXIV
74	LXIII

Challenge 3
Reasoning and Problem Solving

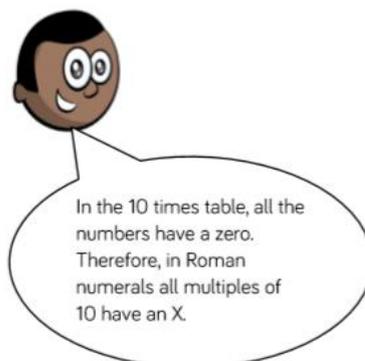
True or False?

Prove it.

- a) The Roman numerals IIIIII mean 6.
- b) The Roman numerals XL mean 40.
- c) The Roman numerals XC mean 90.

Bobby says:

Challenge 4:



Research and give examples to prove whether or not Bobby is correct

Help for this week

If you find your child is still struggling with this concept, see if you can complete a few of these little activities to get them engaged and make learning more hands on:

1)

Lollipop stick activity.

The teacher shouts out a number and the children make it with lollipop sticks.

Children could also do this in pairs or groups, and for a bit of fun they could test the teacher!

Parents- you are the teacher! If you don't have lollipop sticks, use sticks of pasta or pencils/pens 😊

2) Make up your own dance to the song: <https://www.youtube.com/watch?v=z1UmAgekzbs>

This will help your child to remember the numbers, especially if they are making them with their arms as they sing along like we do in class!

3) Play bingo! Give your child a piece of paper and give them 6 squares. They are to write down 6 numbers up to 100, one in each square. You can then test them by writing down the roman numeral and seeing if they can transfer their understanding to the numbers in their grids.

1	23	51
12	9	38

You would call out I and they would hopefully tick off '1'

You would call out XII and hopefully they would cross off '12'

4) Play snap! Make some number cards up to 10 to start off with and then number cards to 10 in roman numerals. See if they can recognise where they are the same and say snap! You could then advance this to numbers above 10. Some snap cards are provided under the home learning tab and Year 4 wb 20.4.20 if you have the use of a printer.