

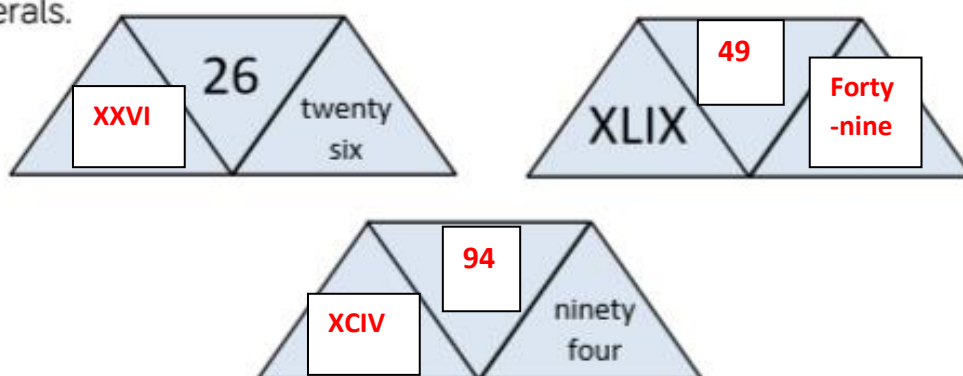
Maths answers- 20.4.20

Monday

1. 23 = XXIII
2. 56 = LVI
3. 72 = LXXII
4. 80 = LXXX
5. 50 = L
6. 7 = VII
7. 99 = XCIX
8. 200 = CC

Challenge

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



Complete the diagrams.

Tuesday

III	1+1+1	3
VI	5+1	6
XI	10 + 1	11
	10+5+1	16
XXI	10+10+1	21
XXXV	10+10+10+5	35
LII	10+10+10+10+10+2	52
LXX	10+10+10+10+10+10	70

Challenge

Complete the function machines.



Wednesday

Work out what numbers these Roman numerals represent:

1. VIII = 8 2. IV = 4 3. XII = 12 4. XV = 15

5. LX = 60 6. XL = 40 7. XIV = 14 8. XVII = 17

Write these numbers in Roman numerals:

9. 13 = XIII 10. 22 = XXII 11. 30 = XXX 12. 49 = XLIX

13. 25 = XXV 14. 101 = CI 15. 99 = XCIX 16. 90 = XC

1. LX - VIII = 68 2. XL - VI = 46 3. C + XL = 140 4. XIV + XIV = 28

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

1. 90 + 10 = C 2. 85 - 15 = LXX 3. 100 - 51 = XLIX 4. 32 - 5 = XXVII

Thursday

Challenge 1
Varied Fluency

Diagram 1: Triangle with XII, 12, and twelve.

Diagram 2: Triangle with LII, 52, and Fifty two.

Diagram 3: Triangle with XLVII, 47, and Forty Seven.

Diagram 4: Triangle with XCII, 92, and Ninety two.

Challenge 2
Reasoning and Problem Solving

Match the number to the correct Roman numeral.

81	XXVIII
28	LXXIV
34	LXXXI
63	XXXIV
74	LXIII

Red lines connect 81 to LXXXI, 28 to XXVIII, 34 to LXXIV, 63 to XXXIV, and 74 to LXIII.

Challenge 3
Reasoning and Problem Solving

True or False?

Prove it.

- The Roman numerals IIIIII mean 6.
- The Roman numerals XL mean 40.
- The Roman numerals XC mean 90.

- False- it should be VI as it is 5 + 1
- True- X is 10 and L is 50. 40 is 10 less than 50.
- True- X is 10 and L is 100. 90 is 10 less than 100.

Challenge

Bobby is incorrect. A lot of multiples of 10 have an X in them but the X can mean different things.
For example X in 10 just means one ten but X in 40 (XL) means 10 less than 50
X in 60 (LX) means 10 more than 50
The numbers 50 has no X and neither does 100