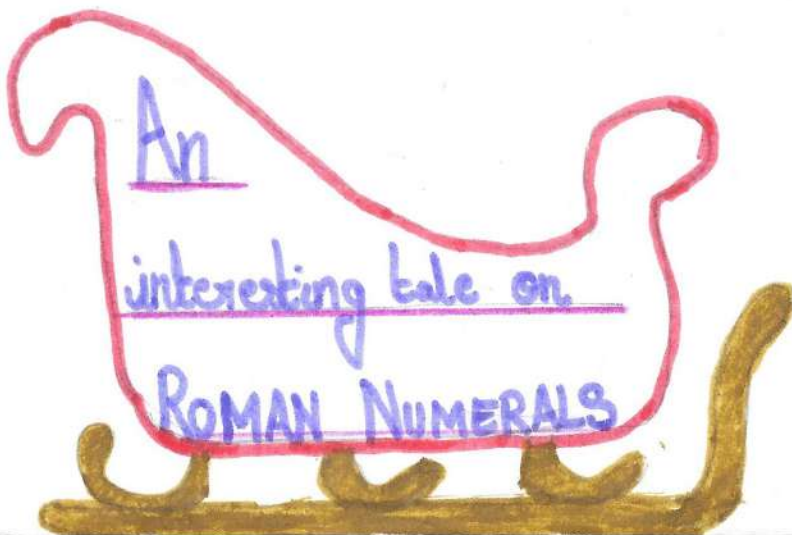


SANTA'S MOBILE

NUMBER



A Week's time to Christmas

Mother, No letters and no prayers. This time I want to make a "wish-call" to Santa. Please give me Santa's mobile number.



Aghast,
My mother
replied-

Santa's
Mobile Number? !!!!!

Okay.

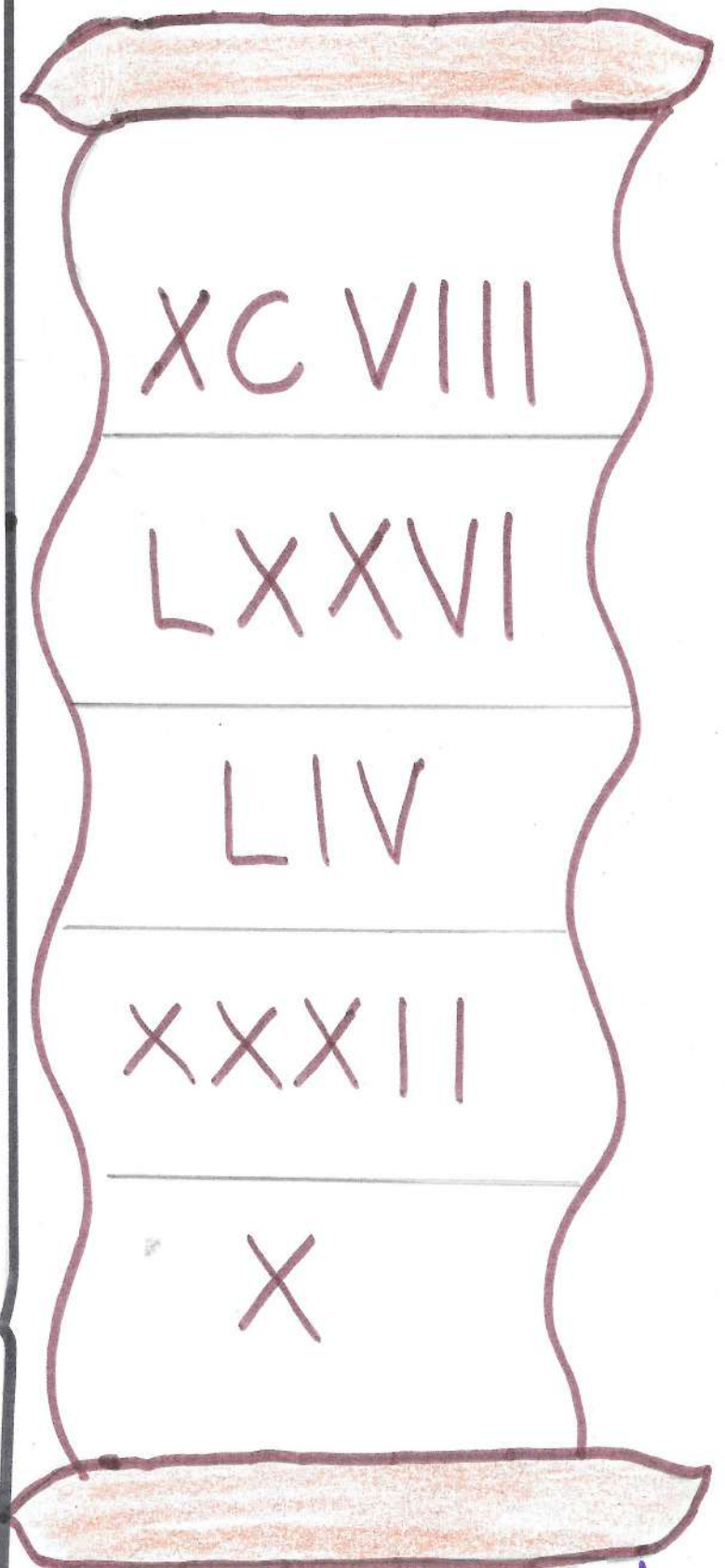


My mother handed me a scroll and said,

“Son, crack the code to EARN Santa's mobile number.”

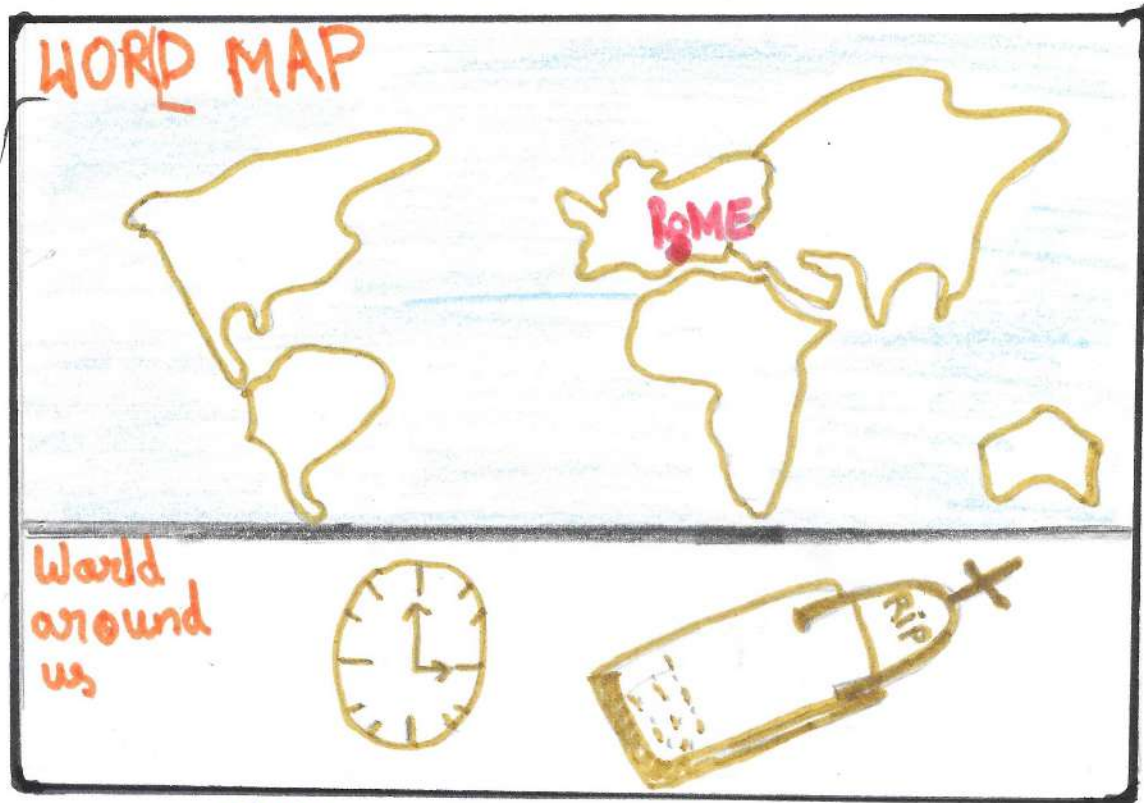
‘EARN’ meant its not going to be easy but I love challenges 😊

I opened the scroll and was aghast to see:-



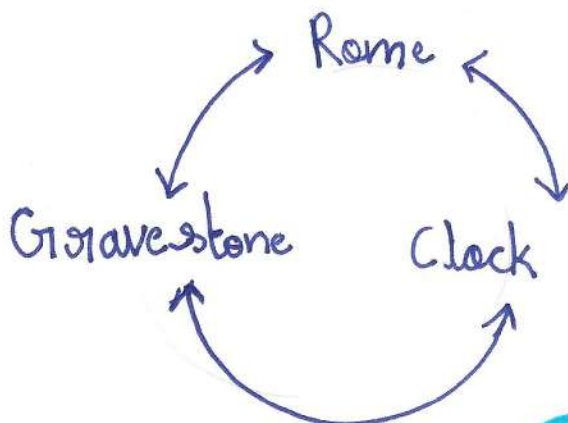
It looked Robust and mysterious.

DAY-2



CLUE CARD-1

My mother handed over me, the above, my first clue card.



I couldn't link the 3 ☹️??!!

DAY-3

CLUE CARD-2

There are seven Roman Numerals like

I → 1

V → 5

X → 10

L → 50

C → 100

D → 500

M → 1000

7 colours of rainbow

7 days of the week

Zero is missing

Rome in world map and Roman Numerals in our clock started making ^{SOME} sense to me.

XCVIII	→ 10 100 5 1 1 1	?	☹️
LXXVI	→ 50 10 10 5 1	?	☹️
LIV	→ 50 1 5	?	☹️
XXXII	→ 10 10 10 1 1	?	☹️
X	→ 10	10	😊 4

DAY-4






CLUE CARD - 3

Roman Numerals are written left to right with largest numeral first.

Eg - VI \rightarrow $5 + 1 = 6$

LX \rightarrow $50 + 10 = 60$

This is how, I further tried solving the code \rightarrow

XCVIII	\rightarrow X is less than C	?	
LXXVI	\rightarrow L is more than X	✓	
LIV	\rightarrow L is more than I	✓	
XXXII	\rightarrow X is more than I	✓	
X	\rightarrow 10	✓	

DAY-5

CLUE CARD-4

- When a numeral appears after a larger or equal symbol, its value gets added.
- A numeral can't be repeated more than three times.
- V, L, D are never repeated.

Below are my calculations →

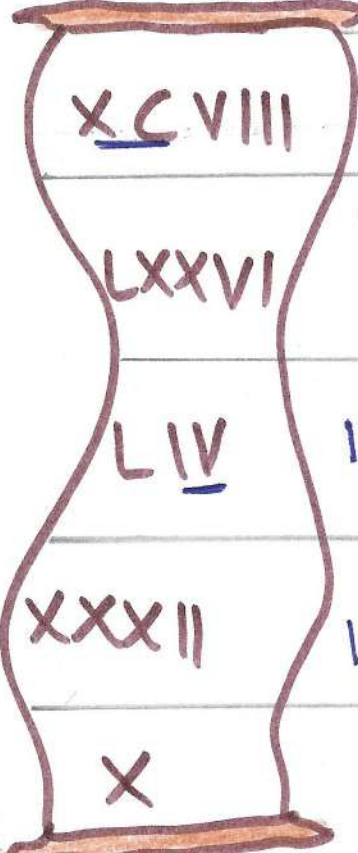
<u>XC</u> <u>VIII</u>	→ VIII = 5 + 1 + 1 + 1 = 8	?	☹️
	50 + 20 + 6 = 76		
<u>LXX</u> <u>VI</u>	→ (XX = 10 + 10 = 20, VI = 5 + 1 = 6)	76	😊
<u>LIV</u>	→ ?	?	☹️
<u>XXX</u> <u>II</u>	→ 30 + 2 = 32		
	(XXX = 10 + 10 + 10 = 30, II = 1 + 1 = 2)	32	😊
<u>X</u>	→ 10	10	😊

DAY-6

CLUE CARD-5

- Smaller Numeral on left side of a larger one, has a minus effect.
- I, X, C can be subtracted.
- V, L, D are never subtracted.
- Only one such numeral can be placed to the left.

A day's time to Christmas. I tried my level best →

 XC VIII	$XC = 100 - 10 = 90$ $90 + 5 + 3 = 98$	98	😊
LXXVI	$50 + 20 + 6 = 76$	76	😊
L IV	$IV = 5 - 1 = 4$ $50 + 4 = 54$	54	😊
XXXII	$10 + 10 + 10 + 1 + 1 = 32$	32	😊
X	10	10	😊

Yesss! I have cracked the code. It is

9876543210. It is ^{my} father's mobile number!!

It is MY Santa's mobile number 😊

I excitedly dialed the number —



Hello son,
Your Santa here. You
have **EARNED** your
Christmas present.
What do you wish
for?

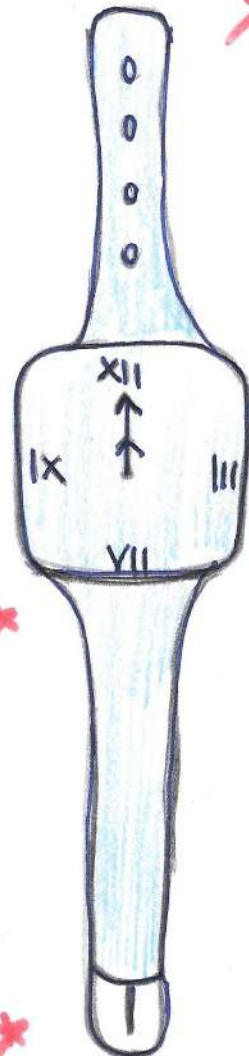
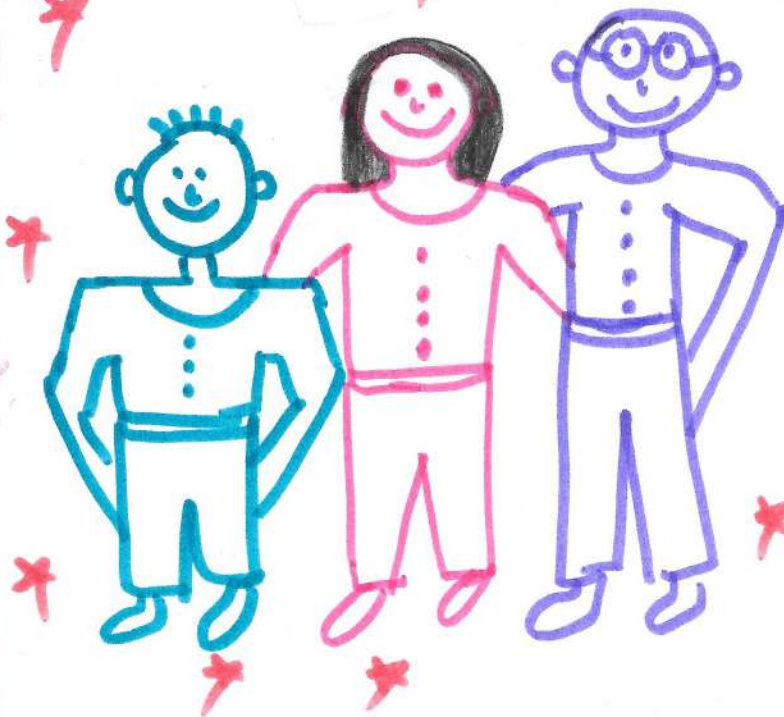
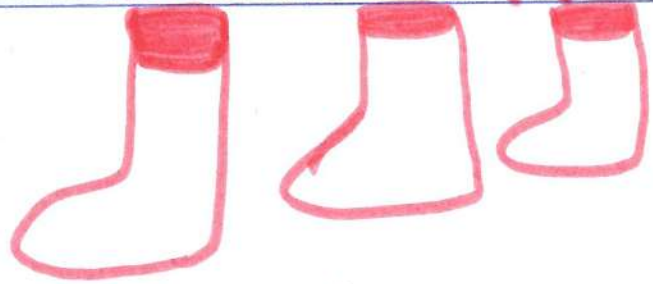


A ^{wrist-}watch with
Roman Numerals.

DAY - 7

Merry

Christmas !!



It was the best Christmas present ever !!

BLURB

IVXLCDMIVXLCDMIVXL

An eight year old boy cracks a mathematical code and "EARNs" his Christmas present. Read more to find out.

IVXLCDMIVXLCDMIVXL

ABOUT THE AUTHOR

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My inspiration for this story is my love for presents. My real Santa is my father. I love him really ^{very} much. His mobile number in Roman Numerals looks robust, just like him. I enjoyed writing my math's story book.