Hindu Numerals replace Roman Numerals

Versatility of Hindu Numerals made it to replace Roman Numerals. Hindu numeral system is a positional decimal numeral system, and is the most common system for the symbolic representation of numbers in the world. It was invented between the 1st and 4th centuries by Indian mathematicians. The system was adopted in Arabic mathematics by the 9th century. Influential were the books of Al-Khwārizmī (On the Calculation with Hindu Numerals, c. 825) and Al-Kindi (On the Use of the Hindu Numerals, c. 830). The system later spread to medieval Europe by the High Middle Ages. The word decimal has its origin in Sanskrit word "dasha" meaning 10.

"We owe a lot to the Indians, who taught us how to count, without which no worthwhile scientific discovery could have been made." – Einstein

		5	Roman Numerals Basic Combinations										
1		HN	1	2	3	4	5	6	7	8	9	10	
١	tra	RN	ı	П	Ш	IV	V	VI	VII	VIII	IX	Х	
ı	chooMantra	@RajeevGM, @chooMantra											
	100 1	HN	10	20	30	40	50	60	70	80	90	100	
1	cho	RN	Χ	XX	XXX	XL	L	LX	LXX	LXXX	XC	С	
		@RajeevGM, @chooMantra											
		HN	100	200	300	400	500	600	700	800	900	1000	
		RN	С	CC	CCC	CD	D	DC	DCC	DCCC	СМ	М	

6 Roman Numerals Rules

1) When a symbol appears after a larger or equal symbol, it is added.

e.g. DX -> 500+10 = 510; VII -> 5+1+1 = 7

2) When a symbol appears **before** a larger symbol, it is **subtracted**. (Also, only one number can be subtracted from another.)

e.g. CD -> 500-100 = 400; IX -> 10-1 = 9

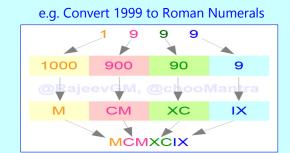
3) Don't use a symbol more than three times in a row.

chooMantra – Its Magical!

Apps, Skills, Gamification of education - http://www.choomantra.com/rajeevgm-notes/apps/

7 Convert given number to Roman Numerals

Break the number into 1s, 10s, 100s and 1000s, and write down each in turn.
e.g. Convert 1999 to Roman Numerals
the



Roman Numerals Examples



Laplace on Hindu Numerals

"The ingenious method of expressing every possible number using a set of ten symbols (each symbol having a place value and an absolute value) emerged in India. The idea seems so simple nowadays that its significance and profound importance

is no longer appreciated. Its simplicity lies in the way it facilitated calculation and placed arithmetic foremost amongst useful inventions. The importance of this invention is more readily appreciated when one considers that it was beyond the two greatest men of Antiquity, Archimedes and Apollonius."

-Pierre-Simon Laplace

Part of chooMantra Maths Initiative

200 mm | 200

Carrier Control of the Control of th

2

http://chooMantra.com/downloads

3

Download this sheet.

A3 and A4 size available for printing
Compiled, Edited & Designed by

Rishita, Rajeev G. Mavinkurve

chooMantra – Its Magical!

Play Country Capital Quiz on Alexa – http://bit.do/AlexaCountryCapitalQuiz

sicellanica in

10 Roman Numerals Techniques & Notes

Mnemonic to remember Roman Numerals Symbols I, V, X, L, C. D and M

If Victor's X-ray Looks Clear Don't Medicate

I, V, X, L, C, D and M stand for 1,5,10,50,100,500,1000

(1, 5, 1*10, 5*10, 1*100, 5*100, 1*1000)

I = 1; C is 100 as in a Century; M is 1000 as in Millennium

Note: In earlier Roman Numerals - before introduction of subtraction notation - 4 was written as IIII and not IV 1 Alexa Country Capital Quiz



Free to Enable

Intry Capital Quiz

Quiz, learn more about Geography and increase your General Knowledge.

This is quiz on

Countries and their

capitals by @RajeevGM.

Play Country Capital

12

Instructions to Enable and use Alexa Skill

Enable Skill

In Alexa app menu, select Skills.
Search "Country Capital Quiz
RajeevGM". Click on the skill
displayed and click on "Enable
Skill".



Use Skill

OR visit

http://bit.do/AlexaCountryCapitalQuiz, And
click on "Enable Skill". You will
need to be logged into Alexa
account

After enabling the skill, switch on Alexa enabled device. Once ready say "Alexa, Launch Country Capital Quiz"

Give a man a bowl of rice, you feed him for a day. Teach him farming, you feed him for life.