



Gordon Burgin's Puzzles

July 2018 challenge

ROMAN Arithmetic puzzles

Solve the following arithmetic expressions and state their results in Roman Numerals.

Tips:

- Letters representing numbers in the Roman numerical system: I = 1, V = 5, X = 10, L = 50, C = 100, D = 500, M = 1,000.
- In this system, a letter placed after another of greater value adds (thus XVI is 16) whereas a letter placed before another of greater value subtracts (thus XC is 90).
- Example: 2018 = MMXVIII

- IV + XCIX =
- LIV – XLIV + CLIV =
- MV – CCCXC – DLII =
- LXXV + CXIX + DCCXVI =
- XI + XXII + XXXIII + XLIV – LV =
- MDCCLXV – MCXX + DXLIV – CDXCVI =

EQUATE+1 puzzle

Each row, column & diagonal is a mathematical expression or equation and you use the numbers 1 to 9 to complete the equations. Each number can be used only once. 'One' number has been provided to get you started. Find the remaining eight numbers that satisfies all the resulting equations. Note – multiplication (x) & division (/) are performed before addition (+) and subtraction (-).

	+		/		=	7
/	+	-		x		
1	+		x		=	19
-		+	+	-		
	x		+		=	25
=		=		=		
-4		7		17		15