

Logic Puzzles for Fun, contributed by Gordon Burgin, Norwich u3a member – Maths Group.
 Solutions will be posted in February. Please email janine.aldridge@u3a.org.uk if you
 would like to share your solutions or comments.

JANUARY '25 LOGIC Puzzles

In EQUATE + Puzzles, each row, column & diagonal is a mathematical expression or equation. Use the numbers 1 to 9 to satisfy each equation and each number can be used only once. The numbers provided in each puzzle are to get you started and depend on the puzzle's level of difficulty (i.e., +3 = least and +0 = most). Find the remaining numbers that satisfy all the resulting equations. Note: multiplication (x) & division (/) are performed before addition (+) and subtraction (-).

EQUATE+3

	-	8	+		=	8
+	+	-		+		
	+		-	5	=	2
-		/	+	-		
2	-		+		=	3
=	=	=	=			
8	6	8	19			

EQUATE+2

1	+		/		=	3
x	+	-		+		
	-		+		=	0
/		+	+	+		
	+		-	7	=	3
=	=	=	=			
2	5	15	17			

EQUATE+1

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

EQUATE+0

	x		x		=	30
x	+	+		x		
	x		+		=	10
x		+	+	+		
	-		+		=	8
=	=	=	=			
27	15	31	10			