Gordon Burgin's Puzzles

January 2022 challenge

EQUATE+ puzzles

In EQUATE+ puzzles, each row, column and diagonal is a mathematical expression or equation. Use the numbers 1 to 9 to satisfy each equation; 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 satisfies all the resulting equations.
Note: multiplication (x) and 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			