



# Gordon Burgin's Puzzles

## February 2023 challenge

### EQUATE+3 puzzle

Each row, column and diagonal is an equation and you use the numbers 1 to 9 to complete the equations. Each number can be used only once. Three numbers have been provided to get you started. Find the remaining six numbers that satisfy all the resulting equations. Note - multiplication and division are performed before addition and subtraction.

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

### EQUATE+2 puzzle

Each row, column and diagonal is an equation and you use the numbers 1 to 9 to complete the equations. Each number can be used only once. Two numbers have been provided to get you started. Find the remaining seven numbers that satisfy all the resulting equations. Note - multiplication and division are performed before addition and subtraction.

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



# Gordon Burgin's Puzzles

## EQUATE+1 puzzle

Each row, column and diagonal is an 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 satisfy all the resulting equations. Note - multiplication and division are performed before addition and subtraction.

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

## EQUATE+0 puzzle

Each row, column and diagonal is an equation and you use the numbers 1 to 9 to complete the equations. Each number can be used only once. No numbers have been provided to get you started. Find the remaining nine numbers that satisfy all the resulting equations. Note - multiplication and division are performed before addition and subtraction.

	x		/		=	10
+	+	-		x		
	x		x		=	56
-		+	+	+		
	+		+		=	18
=	=	=	=			
3	6	22	18			