

# PUZZLES and BRAINS

## 9 BY 9 MATHDOKU (HARD NO. 4)

FILL THE GRID WITH THE NUMBERS 1 TO 9 IN SUCH THAT EACH NUMBER APPEARS ONLY ONCE IN EACH ROW AND COLUMN. THE MATHDOKU GRID IS ALSO DIVIDED IN OUTLINED REGIONS CALLED CAGES EACH WITH A GIVEN OPERATOR AND TARGET NUMBER. THE NUMBERS IN THE INDIVIDUAL CELLS OF A CAGE MUST PRODUCE THAT TARGET NUMBER USING THE OPERATOR IN A MATHEMATICAL CALCULATION.

6-	7÷		3-		13+		14+	14×
	6×	1-		45×	6÷			
18+		4-	3÷		19+	7×	1-	
	5÷						5+	5-
		5-	3-	24×		13+		
35×	13+						5+	8÷
		15+	9÷	14+				
17+					13+		4-	
			504×				15×	

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# ANSWERS

3	7	1	5	8	4	9	6	2
9	2	4	3	5	1	6	8	7
4	3	5	2	9	8	1	7	6
8	5	9	6	1	3	7	2	4
6	1	8	4	2	7	5	3	9
5	9	3	7	6	2	8	4	1
7	4	6	9	3	5	2	1	8
2	8	7	1	4	6	3	9	5
1	6	2	8	7	9	4	5	3

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