

# PUZZLES and BRAINS

## 9 BY 9 MATHDOKU (HARD NO. 7)

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.

2÷		1-	40×			13+		13+
9÷			30×			7÷		
3-	7+	23+		10+	2-		3÷	
						16+		
7×		2-	18×		1-	144×	2-	
48×			19+	8×				15×
30×	36×	6÷			2÷		17+	
				70×				7÷
	10+		2÷		5-			

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# ANSWERS

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

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