

PUZZLES and BRAINS

9 BY 9 MATHDOKU (HARD NO. 12)

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.

4÷		10+		9+	45×		48×	
3÷	21+	30+			14+			
					12+		7÷	
4-			216×		18+	8×	7-	17+
	5÷							
84×		14+		40×	2-		14+	
16+					3-			4-
		4÷	3-			3÷		
13+			14+		105×			

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ANSWERS

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

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