

PUZZLES and BRAINS

9 BY 9 MATHDOKU (HARD NO. 20)

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.

11+		105×	180×		96×		8×	
486×			1-			16+		24×
				17+	8+			
1-		12+			4+		14×	
24×	48×		35×	4÷		2÷	1-	6-
	2÷	9×		12+	12+			
28×						63×	5-	
	10×		2÷		22+		360×	
2÷		11+						

0909 MATHDOKU HARD 20

ANSWERS

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

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