

# PUZZLES and BRAINS

## 9 BY 9 MATHDOKU (HARD NO. 14)

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.

7 ÷	14 +	2 -		192 ×			4 -	5 +
		4 -	17 +		162 ×			
24 ×			1 -			15 ×		
	4 -	11 +		11 +	7 ÷		14 +	
14 +			7 ÷		9 +	4 ÷		11 +
	1 -	13 +		14 +		15 ×		
					12 +	13 +	2 ÷	
3 -	2 ÷	5 ÷	1 -				15 +	
			15 +			14 ×		

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# ANSWERS

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

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