

# PUZZLES and BRAINS

## 9 BY 9 MATHDOKU (MEDIUM NO. 18)

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.

21+			19+	5÷		7÷	4-	7+
13+		9+		12×				
5-				5-	4-	5-		6÷
32×		9+				13+		
	10+	13+		11+			13+	
1-			8×	19+	11+			2-
	18+				48×	2-		
45×			11+			19+	21×	2÷

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# ANSWERS

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

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