

# PUZZLES and BRAINS

## 4 BY 4 MATHDOKU (HARD NO. 53 TO 56)

FILL THE GRID WITH THE NUMBERS 1 TO 4 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.

8×	3÷		1-
		2÷	
12×			2÷
9+			

0404 MATHDOKU HARD 53

2×		48×	
288×			3×
5+			

0404 MATHDOKU HARD 54

12×	3×		24×
		2-	
16×			
		2-	

0404 MATHDOKU HARD 55

11+		4×	
		11+	
3÷			8×
	2×		

0404 MATHDOKU HARD 56

# ANSWERS

2	1	3	4
1	4	2	3
4	3	1	2
3	2	4	1

0404 MATHDOKU HARD 53

2	1	3	4
3	2	4	1
1	4	2	3
4	3	1	2

0404 MATHDOKU HARD 54

4	3	1	2
3	1	2	4
1	2	4	3
2	4	3	1

0404 MATHDOKU HARD 55

2	3	4	1
4	2	1	3
1	4	3	2
3	1	2	4

0404 MATHDOKU HARD 56