

# PUZZLES and BRAINS

## 4 BY 4 MATHDOKU (HARD NO. 49 TO 52)

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.

4÷	1-		5+
	8×	6×	
1-			
		5+	

0404 MATHDOKU HARD 49

11+		2÷	
	3+	6×	
		4÷	3÷
2÷			

0404 MATHDOKU HARD 50

4×	6×		
	5+		4÷
1-	11+		
		2÷	

0404 MATHDOKU HARD 51

9+	4÷		13+
2÷			
8×		3÷	

0404 MATHDOKU HARD 52

# ANSWERS

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

0404 MATHDOKU HARD 49

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

0404 MATHDOKU HARD 50

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

0404 MATHDOKU HARD 51

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

0404 MATHDOKU HARD 52