

# PUZZLES and BRAINS

## 4 BY 4 MATHDOKU (HARD NO. 21 TO 24)

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.

12×		4+	
24×			
5+	5+		1-
	2÷		

0404 MATHDOKU HARD 21

3+		6×	12×
5+			
6×	7+		
	8+		

0404 MATHDOKU HARD 22

6×	3+		12×
	4×		
3×		2-	
10+			

0404 MATHDOKU HARD 23

6×	4÷		1-
	2×		
	11+	1-	
		3+	

0404 MATHDOKU HARD 24

# ANSWERS

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

0404 MATHDOKU HARD 21

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

0404 MATHDOKU HARD 22

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

0404 MATHDOKU HARD 23

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

0404 MATHDOKU HARD 24