

## 9 BY 9 MATHDOKU (MEDIUM NO. 7)

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+		30+			1–	10+
	11+			60 X			
				00 ^			
5+		10+			32×	14 ×	
	12+	40×	5-				3–
16+			12+		3÷		
	9÷		16×	3-		7+	
11+		126×		28+			
21+	4-			36×	8-	12+	
-						6÷	
	16+	11+       5+       12+       16+       9÷       11+	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	11+       10+         5+       10+         12+       40×       5-         16+       12+       12+         9÷       16×         11+       126×	11+       60×         5+       10+         12+       40×       5-         16+       12+       12+         9÷       16×       3-         11+       126×       28+	11+       60×         5+       10+ $60\times$ 12+       40×       5- $32\times$ 16+       12+       40×       3-         9÷       16×       3-         11+       126×       28+	11+60×5+10+12+40×512+40×16+9÷16×3-7+11+12+12+12+12+12+12+12+12+12+12+12+

0909 MathDoku Medium 7

## ANSWERS

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

0909 MathDoku Medium 7