

# 7 by 7 Mathrix Puzzles

Place the number 1 to 7 such that each row and column contains the digits 1 to 7. Circles with conditions are placed on some intersections and are meant for the 2 pairs of diagonally adjacent cells. This can be the sum (+), difference (-), product ( $\times$ ), quotient ( $\div$ ), only odd (O) or only even (E).

						6
		5	2			
	1				1-	2
				6		
	8+					
6		2				5
		E	1-	O		
				5		7

				6		
2	7		1		1-	6
	2	5				
	8+	9+				
			1-			1-
	6					
			7	1		

# Answers

Place the number 1 to 7 such that each row and column contains the digits 1 to 7. Circles with conditions are placed on some intersections and are meant for the 2 pairs of diagonally adjacent cells. This can be the sum (+), difference (-), product ( $\times$ ), quotient ( $\div$ ), only odd (O) or only even (E).

7	3	1	5	2	4	6
1	7	5	2	4	6	3
5	1	6	4	7	3	2
2	5	3	7	6	1	4
4	2	7	6	3	5	1
6	4	2	3	1	7	5
3	6	4	1	5	2	7

7	1	2	4	6	3	5
2	7	3	1	4	5	6
4	2	5	6	3	7	1
6	4	7	3	5	1	2
1	5	4	2	7	6	3
3	6	1	5	2	4	7
5	3	6	7	1	2	4