

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).

		5	1	2	6	
		7		4		2
2		3	5			2 \div
		5+		0		
				1-		0
				6	7	3
			4+			
			4	1		6+
						5

6					4	
		5	4	6		6+
			3-		5	
			2			
		4-		1-		
			6	5		
		1-			0	
					7	3
		E	7+	0		
				0		7
				0	1-	
1		4	3	7		

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).

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

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