

# 8 by 8 Mathrix Puzzles

Place the number 1 to 8 such that each row and column contains the digits 1 to 8. 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	7	5	2	4			1
				1-	5		
5				1-	3		8+
		2-					
		8+	2-				
2			1	8		7	
	2-		1-			1-	
			5				
		2-					
	6						

			5	8		4	
				E		8+	
	6 $\times$	6+		2			
			6-			6	
		5+		1-			
8	2						
	5				7	2	3
			E				
					5		6
		4 $\div$		1-			
	8		4				

# Answers

Place the number 1 to 8 such that each row and column contains the digits 1 to 8. 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	7	5	2	4	3	8	1
4	8	7	3	2	5	1	6
5	1	4	6	3	8	2	7
8	2	3	4	7	1	6	5
2	5	6	1	8	4	7	3
3	4	2	7	1	6	5	8
1	3	8	5	6	7	4	2
7	6	1	8	5	2	3	4

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