

5 by 5 Mathrix Puzzles

Place the number 1 to 5 such that each row and column contains the digits 1 to 5. 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				
	4	1		2
		5	2	
			2-	1-
2		4		
		2-		0

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

		5		
	6+			
		1		
	7+			
3			1	5
			2-	
			2	
				1-
		2	5	

	1		4	
			6+	8+
1				4
			5	
			5	
	6+	7+		
5		1		

Answers

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

Conditions in circles:
 - Row 3, Col 3 and Row 3, Col 4: 2-
 - Row 3, Col 4 and Row 4, Col 4: 1-
 - Row 2, Col 3 and Row 2, Col 4: 2-
 - Row 4, Col 4 and Row 5, Col 4: O

2	4	5	1	3
4	1	2	3	5
3	2	1	5	4
5	3	4	2	1
1	5	3	4	2

Conditions in circles:
 - Row 2, Col 1 and Row 3, Col 1: 2-
 - Row 2, Col 2 and Row 3, Col 2: 0-
 - Row 3, Col 2 and Row 4, Col 2: 2-
 - Row 3, Col 3 and Row 4, Col 3: 1-
 - Row 3, Col 4 and Row 4, Col 4: 6+

2	1	5	4	3
5	4	1	3	2
3	2	4	1	5
1	5	3	2	4
4	3	2	5	1

Conditions in circles:
 - Row 1, Col 1 and Row 2, Col 1: 6+
 - Row 2, Col 1 and Row 3, Col 1: 7+
 - Row 3, Col 3 and Row 4, Col 3: 2-
 - Row 4, Col 4 and Row 5, Col 4: 1-

2	1	3	4	5
1	5	2	3	4
3	2	4	5	1
4	3	5	1	2
5	4	1	2	3

Conditions in circles:
 - Row 1, Col 3 and Row 2, Col 3: 6+
 - Row 1, Col 4 and Row 2, Col 4: 8+
 - Row 3, Col 1 and Row 4, Col 1: 6+
 - Row 3, Col 2 and Row 4, Col 2: 7+