

6 by 6 Mathrix Puzzles

Place the number 1 to 6 such that each row and column contains the digits 1 to 6. 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			
2			$2\div$	1	
$6+$			$6+$		
			$7+$		
			$2\div$		
	6				

				1	4
6					
	$2-$	$1-$		$3-$	
		$5+$	$1\div$		
1		$12\times$			

				3	1
			$8+$	4	
		$8+$			
	2		$3\div$		
$8+$					

1					
	$3-$	$1-$			
		$3-$	$2-$		
		2	4		
				2	4
		$6+$			1

Answers

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

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

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

Conditions in circles:
 - Row 2, Col 3: $2-$
 - Row 2, Col 4: $1-$
 - Row 2, Col 5: $3-$
 - Row 3, Col 4: $5+$
 - Row 3, Col 5: $1 \div$
 - Row 4, Col 3: $12 \times$

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

Conditions in circles:
 - Row 2, Col 4: $8+$
 - Row 3, Col 3: $8+$
 - Row 4, Col 4: $3 \div$
 - Row 5, Col 1: $8+$

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

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