

Sudoku

Sudoku puzzles are made up of numbers and to solve them we must use logic to work out where the numbers should go.

4	5	2	6	3	1

This row has the digits 1, 2, 3, 4, 5 and 6.

					1
					2
					3
					4
					5
					6

This column has the digits 1, 2, 3, 4, 5 and 6.

			5	3	1
			6	4	2

This mini grid has the digits 1, 2, 3, 4, 5 and 6.

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

Every row, column and mini-grid must contain one of each of the numbers 1, 2, 3, 4, 5 and 6.

1 Complete each sudoku, using the digits 1 to 6.

(a)

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

(b)

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

(c)

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

(d)

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

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

(p)

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

(c)

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

(q)

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

(a)

Answers: