



Medium Puzzles

Tips on How to Solve Sudoku Puzzles:

Sudoku is a fun, logic-based number puzzle that uses reasoning – not math! The most common version is played on a 9x9 grid, divided into nine smaller 3x3 boxes.

Objective:

Fill the entire grid so that every row, every column, and every 3x3 box contains the numbers 1 through 9 without repeating.

Basic Rules:

Each Row must have the numbers 1–9 with no duplicates.

Each Column must have the numbers 1–9 with no duplicates.

Each 3x3 Box must have the numbers 1–9 with no duplicates.

9	4	8	6	1	2	3	5	7
7	3	2	5	8	9	1	4	6
1	6	5	3	7	4	8	9	2
3	9	6	1	2	5	4	7	8
4	8	1	9	6	7	5	2	3
5	2	7	4	3	8	6	1	9
2	1	9	8	5	3	7	6	4
6	7	3	2	4	1	9	8	5
8	5	4	7	9	6	2	3	1

Steps to Play:

Look at the givens – Some numbers are already filled in at the start of the puzzle.

Scan rows, columns, and boxes – See where certain numbers can and cannot go.

Use logic, not guessing – Place a number only when you're sure it fits.

Work step by step – Start with easy placements, then move on to harder spots.

Check for progress – Every correct placement opens up new possibilities.

Winning the Game:

The puzzle is solved once all 81 squares are filled correctly, following the rules above.

Medium #1

	5	7	4	2	8			
	1		6	9		2	5	
2	6					8	9	7
1	8	6		3			2	
			8	7	2	5		6
7		5	1			4		
3		1	2		5			
6		2				1		5
				1	6		7	2

Medium #2

1	3			5		7		2
	6		4	1	2	3		
2	9		3			8	1	
	1	3	5		6			8
	2	7	1	8	9			
5						1	7	9
6		1			5		3	
3		2		4		9		
			6	2			4	1

Medium #3

5	8		7			4		1
2			8	5	4			6
	3	4		2		8		9
4		3	5	9		1		
		2	4	7			9	
	6				2	5	4	
	9	5			7		1	3
			1		5	9	8	
6	4	1			3			

Medium #4

1	4		3	2		6		
3	2		1	6		8		
		8			4	2	1	3
8	7	3		9	1			
4	1		8		2			7
				4		3	8	1
	8	4	6					5
		5		8		1	6	
7			2		3		4	

Medium #5

8	9		3			6	1	
6	2		8	4	1			
	5			7		2	8	4
7		8		5	2			3
	6	2	9					8
		5			6	7	2	
5	7	3		1	8			
			5			8	7	2
		6		9		1	3	

Medium #6

	6	3			8	2	1	
1		2	3	6	7			
	4		1			6	3	7
2	1			8	5	9		
6	3	8	9					5
			6	3		1	8	
4		9	8		1			
		6		9			7	1
	2			7			9	8

Medium #7

4	5		9	3			1	
1		9	5	6		4		
	2			1		9	6	5
		3	6		9	2		4
6	4	7		2				9
5			8		7		3	
9		4			6	3		
	3	1		8				6
			2		3		4	8

Medium #8

2	3	4	6	1				
		5	3		7		2	1
8				2		6	3	9
3	1		9		4	7		
5		2		7			4	6
7			8	6		5		
	5				6	1		8
	2		5	9	1			
	9	3					6	5

Medium #9

	3	2	7		4	9		
9	4	6			1	7		
			6	3		8	4	2
6	7			9	3		2	
5			4	1		6		7
1	2		8					3
		7	9	2	6			
		1				2	5	9
2	8			4			7	

Medium #10

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

Medium #11

5	1		2	4		6		
	2	6	5	7				8
8			3			5	7	2
9	8				5	4		6
			9	8	4	7	2	
4	7	5						9
		9		5		8	3	
7		3		2	1			
	6				3		5	7

Medium #12

3	5	6				8		7
	2		8	5	7	6		
8			4	6			1	2
2		1			5	3	6	
	4			1	8	7		
	6	5		3			8	
6		2	7	4				8
		9	3		2		7	
4	7					2		1

Medium #13

		6		2	3		9	4
9	2		6			8	3	
	3	4	8		7	6		
4	9	3	1					6
2	1			6	5	7		
			4	8		2		3
6		1			8		7	
8	7			3			5	
			7		4	9		8

Medium #14

6	4	8	3		1			
	1		7	2		4		6
		9		4		3	1	5
5		2		6	8			3
8	3		5		4	1		
		1			3	5	6	
			4	3	2		5	
	6	4		1			3	
1	5						2	4

Medium #15

6	3	4		7	8			
	2		6	9		7	3	
	5				4	1	6	8
9	7	2				6	4	
1			7	2	9			5
3			4	1				7
		7	8		1		9	
	1	3				8	7	
5			3		7			2

Medium #16

4		1	3	6			9	
3			1	7		4	2	
9	7			8		1	6	
2	5	6			1			4
			2	4	3	6	1	
1	4						7	2
	2	9	6					1
	3		4		7	2		
		4			8	7		6

Medium #17

6	7	8			9		4	
	9		5	4	3	8		
		5	7			9	2	1
1			8	7			9	3
		2	6	9				4
	5	9		2		1		
4	8				6		1	2
		3			2	6	8	
5	2			8	7			

Medium #18

1	3	6	8		7			
			3	1	9	5	6	
9		5				7	1	3
8		3	9			2		1
	4		7	2	1		8	
7		1	5				4	
	1	8				6		7
5				8	3			2
	9			7	6			4

Medium #19

6	1	9	5					8
	7	4	8	2	3			
				9		4	7	5
8		5	6		7		2	
3			9	8		5		7
	2	6		1		3		
	8	2	3		9			
9					1	8	4	3
1	6				8		5	

Medium #20

7		8	3	5			1	
1	4	3		6	2			
					9	8	3	4
5				3	8	9		7
	6	4	5	2			8	
8		7	4			5	6	
2	8		7				5	
	1		2		3			9
		6		4		1		8

Medium #21

5	3		8	6				1
	7	4	1			6	2	
		6	5	7		8		3
6		8			3		7	4
		7		8	5	9	1	
4	9				6	5		
	6	9	2				5	
2					7	1	8	
	8		3	9				2

Medium #22

6	9		5	3			4	
3	8		2	4				9
		4		7		2	3	8
	5	1			9	3		6
2			1	6			9	
9	7				4	8		
	4	9			2		5	3
1		5			3	6		
		3	4	8				1

Medium #23

8	5	3			4		6	
		1	3	5	7	4		
	7		8			5	1	3
7		4		3		6	8	
	9	5	7	8			4	
6			2	4				5
	1	2			3			4
	8		4			7		9
5				2	8			6

Medium #24

4	1	9		2	7			
7			4			2	1	9
		8	6	9		7	4	
	2	6		7	9			4
9	7				3	8	6	
	3		2		6	9		
		2		6		3		1
3	9		8	1				
6			9				7	8

Medium #25

4	2		3				7	1
	3		4	9	1		5	
9		1	2			4	8	
	7	4	5	1				6
5			6		4	7	1	
	1	3		2		5		
3	8				7	2		
2		7			3			9
				6	2		3	7

Medium #26

8		7		3		5		1
		3	1	9	8	7		
4	2			6		9	3	
1	8	9	4					3
	5	2	8		3		9	
				7	2	8	1	
9	7		3					6
	1		6		7		5	
3					9		8	7

Medium #27

7	1		4		5			8
	2	9	8	6	1			
6						2	4	1
3	9			1	6	5		
5	8	2	9	3				
			5			3	9	2
	4	5		8	3	1		
9		6	1				3	
				9		6	2	5

Medium #28

1	4	5	6		3			
2			8		9	1	3	
8				1		4	7	6
5	8	6				9		7
		4	7	8	6	3		
	3		5				1	8
		9				5	2	4
		1	9	5	7			
3	5			6			9	



Solutions

Medium #1

9	5	7	4	2	8	6	3	1
8	1	3	6	9	7	2	5	4
2	6	4	3	5	1	8	9	7
1	8	6	5	3	4	7	2	9
4	3	9	8	7	2	5	1	6
7	2	5	1	6	9	4	8	3
3	7	1	2	4	5	9	6	8
6	9	2	7	8	3	1	4	5
5	4	8	9	1	6	3	7	2

Medium #2

1	3	4	9	5	8	7	6	2
7	6	8	4	1	2	3	9	5
2	9	5	3	6	7	8	1	4
9	1	3	5	7	6	4	2	8
4	2	7	1	8	9	6	5	3
5	8	6	2	3	4	1	7	9
6	4	1	8	9	5	2	3	7
3	5	2	7	4	1	9	8	6
8	7	9	6	2	3	5	4	1

Medium #3

5	8	6	7	3	9	4	2	1
2	1	9	8	5	4	7	3	6
7	3	4	6	2	1	8	5	9
4	7	3	5	9	8	1	6	2
1	5	2	4	7	6	3	9	8
9	6	8	3	1	2	5	4	7
8	9	5	2	4	7	6	1	3
3	2	7	1	6	5	9	8	4
6	4	1	9	8	3	2	7	5

Medium #4

1	4	7	3	2	8	6	5	9
3	2	9	1	6	5	8	7	4
6	5	8	9	7	4	2	1	3
8	7	3	5	9	1	4	2	6
4	1	6	8	3	2	5	9	7
5	9	2	7	4	6	3	8	1
2	8	4	6	1	9	7	3	5
9	3	5	4	8	7	1	6	2
7	6	1	2	5	3	9	4	8

Medium #5

8	9	4	3	2	5	6	1	7
6	2	7	8	4	1	3	5	9
3	5	1	6	7	9	2	8	4
7	4	8	1	5	2	9	6	3
1	6	2	9	3	7	5	4	8
9	3	5	4	8	6	7	2	1
5	7	3	2	1	8	4	9	6
4	1	9	5	6	3	8	7	2
2	8	6	7	9	4	1	3	5

Medium #6

7	6	3	5	4	8	2	1	9
1	9	2	3	6	7	8	5	4
8	4	5	1	2	9	6	3	7
2	1	4	7	8	5	9	6	3
6	3	8	9	1	2	7	4	5
9	5	7	6	3	4	1	8	2
4	7	9	8	5	1	3	2	6
5	8	6	2	9	3	4	7	1
3	2	1	4	7	6	5	9	8

Medium #7

4	5	6	9	3	2	8	1	7
1	7	9	5	6	8	4	2	3
3	2	8	7	1	4	9	6	5
8	1	3	6	5	9	2	7	4
6	4	7	3	2	1	5	8	9
5	9	2	8	4	7	6	3	1
9	8	4	1	7	6	3	5	2
2	3	1	4	8	5	7	9	6
7	6	5	2	9	3	1	4	8

Medium #8

2	3	4	6	1	9	8	5	7
9	6	5	3	8	7	4	2	1
8	7	1	4	2	5	6	3	9
3	1	6	9	5	4	7	8	2
5	8	2	1	7	3	9	4	6
7	4	9	8	6	2	5	1	3
4	5	7	2	3	6	1	9	8
6	2	8	5	9	1	3	7	4
1	9	3	7	4	8	2	6	5

Medium #9

8	3	2	7	5	4	9	6	1
9	4	6	2	8	1	7	3	5
7	1	5	6	3	9	8	4	2
6	7	8	5	9	3	1	2	4
5	9	3	4	1	2	6	8	7
1	2	4	8	6	7	5	9	3
3	5	7	9	2	6	4	1	8
4	6	1	3	7	8	2	5	9
2	8	9	1	4	5	3	7	6

Medium #10

1	6	7	2	9	8	3	4	5
3	5	2	6	1	4	9	8	7
8	4	9	7	3	5	6	2	1
5	1	3	4	8	9	2	7	6
2	9	6	5	7	3	8	1	4
4	7	8	1	2	6	5	3	9
7	2	5	8	6	1	4	9	3
6	3	1	9	4	2	7	5	8
9	8	4	3	5	7	1	6	2

Medium #11

5	1	7	2	4	8	6	9	3
3	2	6	5	7	9	1	4	8
8	9	4	3	1	6	5	7	2
9	8	2	7	3	5	4	1	6
6	3	1	9	8	4	7	2	5
4	7	5	1	6	2	3	8	9
2	4	9	6	5	7	8	3	1
7	5	3	8	2	1	9	6	4
1	6	8	4	9	3	2	5	7

Medium #12

3	5	6	1	2	9	8	4	7
1	2	4	8	5	7	6	9	3
8	9	7	4	6	3	5	1	2
2	8	1	9	7	5	3	6	4
9	4	3	6	1	8	7	2	5
7	6	5	2	3	4	1	8	9
6	3	2	7	4	1	9	5	8
5	1	9	3	8	2	4	7	6
4	7	8	5	9	6	2	3	1

Medium #13

7	8	6	5	2	3	1	9	4
9	2	5	6	4	1	8	3	7
1	3	4	8	9	7	6	2	5
4	9	3	1	7	2	5	8	6
2	1	8	3	6	5	7	4	9
5	6	7	4	8	9	2	1	3
6	4	1	9	5	8	3	7	2
8	7	9	2	3	6	4	5	1
3	5	2	7	1	4	9	6	8

Medium #14

6	4	8	3	5	1	2	7	9
3	1	5	7	2	9	4	8	6
7	2	9	8	4	6	3	1	5
5	9	2	1	6	8	7	4	3
8	3	6	5	7	4	1	9	2
4	7	1	2	9	3	5	6	8
9	8	7	4	3	2	6	5	1
2	6	4	9	1	5	8	3	7
1	5	3	6	8	7	9	2	4

Medium #15

6	3	4	1	7	8	2	5	9
8	2	1	6	9	5	7	3	4
7	5	9	2	3	4	1	6	8
9	7	2	5	8	3	6	4	1
1	4	6	7	2	9	3	8	5
3	8	5	4	1	6	9	2	7
2	6	7	8	4	1	5	9	3
4	1	3	9	5	2	8	7	6
5	9	8	3	6	7	4	1	2

Medium #16

4	8	1	3	6	2	5	9	7
3	6	5	1	7	9	4	2	8
9	7	2	5	8	4	1	6	3
2	5	6	7	9	1	3	8	4
8	9	7	2	4	3	6	1	5
1	4	3	8	5	6	9	7	2
7	2	9	6	3	5	8	4	1
6	3	8	4	1	7	2	5	9
5	1	4	9	2	8	7	3	6

Medium #17

6	7	8	2	1	9	3	4	5
2	9	1	5	4	3	8	7	6
3	4	5	7	6	8	9	2	1
1	6	4	8	7	5	2	9	3
8	3	2	6	9	1	7	5	4
7	5	9	3	2	4	1	6	8
4	8	7	9	3	6	5	1	2
9	1	3	4	5	2	6	8	7
5	2	6	1	8	7	4	3	9

Medium #18

1	3	6	8	5	7	4	2	9
2	7	4	3	1	9	5	6	8
9	8	5	6	4	2	7	1	3
8	5	3	9	6	4	2	7	1
6	4	9	7	2	1	3	8	5
7	2	1	5	3	8	9	4	6
4	1	8	2	9	5	6	3	7
5	6	7	4	8	3	1	9	2
3	9	2	1	7	6	8	5	4

Medium #19

6	1	9	5	7	4	2	3	8
5	7	4	8	2	3	6	9	1
2	3	8	1	9	6	4	7	5
8	9	5	6	3	7	1	2	4
3	4	1	9	8	2	5	6	7
7	2	6	4	1	5	3	8	9
4	8	2	3	5	9	7	1	6
9	5	7	2	6	1	8	4	3
1	6	3	7	4	8	9	5	2

Medium #20

7	9	8	3	5	4	2	1	6
1	4	3	8	6	2	7	9	5
6	5	2	1	7	9	8	3	4
5	2	1	6	3	8	9	4	7
9	6	4	5	2	7	3	8	1
8	3	7	4	9	1	5	6	2
2	8	9	7	1	6	4	5	3
4	1	5	2	8	3	6	7	9
3	7	6	9	4	5	1	2	8

Medium #21

5	3	2	8	6	4	7	9	1
8	7	4	1	3	9	6	2	5
9	1	6	5	7	2	8	4	3
6	5	8	9	1	3	2	7	4
3	2	7	4	8	5	9	1	6
4	9	1	7	2	6	5	3	8
1	6	9	2	4	8	3	5	7
2	4	3	6	5	7	1	8	9
7	8	5	3	9	1	4	6	2

Medium #22

6	9	2	5	3	8	1	4	7
3	8	7	2	4	1	5	6	9
5	1	4	9	7	6	2	3	8
4	5	1	8	2	9	3	7	6
2	3	8	1	6	7	4	9	5
9	7	6	3	5	4	8	1	2
8	4	9	6	1	2	7	5	3
1	2	5	7	9	3	6	8	4
7	6	3	4	8	5	9	2	1

Medium #23

8	5	3	1	9	4	2	6	7
2	6	1	3	5	7	4	9	8
4	7	9	8	6	2	5	1	3
7	2	4	5	3	9	6	8	1
1	9	5	7	8	6	3	4	2
6	3	8	2	4	1	9	7	5
9	1	2	6	7	3	8	5	4
3	8	6	4	1	5	7	2	9
5	4	7	9	2	8	1	3	6

Medium #24

4	1	9	3	2	7	6	8	5
7	6	3	4	5	8	2	1	9
2	5	8	6	9	1	7	4	3
8	2	6	5	7	9	1	3	4
9	7	5	1	4	3	8	6	2
1	3	4	2	8	6	9	5	7
5	8	2	7	6	4	3	9	1
3	9	7	8	1	5	4	2	6
6	4	1	9	3	2	5	7	8

Medium #25

4	2	6	3	8	5	9	7	1
7	3	8	4	9	1	6	5	2
9	5	1	2	7	6	4	8	3
8	7	4	5	1	9	3	2	6
5	9	2	6	3	4	7	1	8
6	1	3	7	2	8	5	9	4
3	8	9	1	4	7	2	6	5
2	6	7	8	5	3	1	4	9
1	4	5	9	6	2	8	3	7

Medium #26

8	9	7	2	3	4	5	6	1
5	6	3	1	9	8	7	4	2
4	2	1	7	6	5	9	3	8
1	8	9	4	5	6	2	7	3
7	5	2	8	1	3	6	9	4
6	3	4	9	7	2	8	1	5
9	7	5	3	8	1	4	2	6
2	1	8	6	4	7	3	5	9
3	4	6	5	2	9	1	8	7

Medium #27

7	1	3	4	2	5	9	6	8
4	2	9	8	6	1	7	5	3
6	5	8	3	7	9	2	4	1
3	9	4	2	1	6	5	8	7
5	8	2	9	3	7	4	1	6
1	6	7	5	4	8	3	9	2
2	4	5	6	8	3	1	7	9
9	7	6	1	5	2	8	3	4
8	3	1	7	9	4	6	2	5

Medium #28

1	4	5	6	7	3	2	8	9
2	6	7	8	4	9	1	3	5
8	9	3	2	1	5	4	7	6
5	8	6	3	2	1	9	4	7
9	1	4	7	8	6	3	5	2
7	3	2	5	9	4	6	1	8
6	7	9	1	3	8	5	2	4
4	2	1	9	5	7	8	6	3
3	5	8	4	6	2	7	9	1



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Notes