



Learn a new puzzle

Sudoku

Each row, column and box gets 1 to 9 once.

Trick: X-wing

1

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

In row 3 and row 7, the 6 can only go in the circled squares.

2

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

One 6 is in column 2, the other in column 8. Cross out the other 6s there.

3

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

Now keep going with the easier moves.

Try it

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

The answer is with the other answers.

Talk about it: Ask: Why can't that number go anywhere else in those two lines?



1 Sudoku Each row, column and box gets 1 to 9 once.



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



2 **Sudoku** Each row, column and box gets 1 to 9 once.



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



3 **Sudoku** Each row, column and box gets 1 to 9 once.



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



4 Sudoku Each row, column and box gets 1 to 9 once.



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



5 **Sudoku** Each row, column and box gets 1 to 9 once.



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



6 **Sudoku** Each row, column and box gets 1 to 9 once.



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



7 **Sudoku** Each row, column and box gets 1 to 9 once.



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



8 **Sudoku** Each row, column and box gets 1 to 9 once.



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



9 **Sudoku** Each row, column and box gets 1 to 9 once.



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



10 **Sudoku** Each row, column and box gets 1 to 9 once.



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



Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

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

#1

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

In row 9, the 4 must go in the bottom-left box. So no other square in the bottom-left box can be 4.

#2

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

In row 6, the 7 must go in the middle-left box. So no other square in the middle-left box can be 7.

#3

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

In row 8, the 1 must go in the bottom-left box. So no other square in the bottom-left box can be 1.

#4

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

In the bottom-left box, the 7 must go in column 2. So no other square in column 2 can be 7.

#5

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

In row 4, 3 and 7 can only go in the same two squares. So those two squares can't be anything else.

#6

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

In column 3, 5 and 9 can only go in the same two squares. So those two squares can't be anything else.

#7

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

In row 7, 2 and 9 can only go in the same two squares. So those two squares can't be anything else.

#8

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

In column 1 and column 8, the 2 can only go in row 1 and row 5. So no other square in row 1 or row 5 can be 2.



Answers For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9

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

In row 4, 6 and 9 can only go in the same two squares. So those two squares can't be anything else.

#10

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

Try 6 in row 5, column 7: after 5 more numbers a square has nothing left. So it isn't 6.