

# SUDOKU

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Look at the table shown below.

a square of 9 cells

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

You complete the table by putting the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9 in the cells.

You cannot have the same two numbers in a row.

You cannot have the same two numbers in a column.

You cannot have the same two numbers in a square of 9 cells.

You must always have a reason for putting a number in a cell, like it cannot go anywhere else.

Use a pencil because then mistakes are easy to rub out.

There is only one right answer to each game.

**Example 1.** Look at the 5's in each shaded column. We need to put a 5 in the middle column. The only place it can go is in the cell marked **X**.

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

**Example 2.** Look at the two 9's in the shaded rows. We need to put a 9 in the row above. There are two possible places marked **X** and **Y**. But there is already a 9 in column **X**. So the 9 must go in cell **Y**.

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

**Example 3.** Look at the shaded row. There is a 7 missing from it. It cannot go in cell **Y** because there is a 7 in the same column. It cannot go in cell **Z** because there is a 7 in that column also. So the only place it can go is in cell **X**.

	3			2	1			
5	7	2	9	3		4		
				4		2	5	3
	2			8	9	7		
	4	7	2			3	9	
9	5				3		2	6
2	9	5	3	1	X	Y	Z	4
		6		9			7	2
7					2	1		9

**Example 4.** Look at the shaded square of 9 cells. There is a 7 missing from it. It cannot go in cell **X** because there is already a 7 in the same row. It cannot go in cell **Z** because there is a 7 in the same column. The only place it can go is in cell **Y**.

	3		5	2	1			
5	7	2	9	3	X	4		
			Y	4	Z	2	5	3
	2			8	9	7		
	4	7	2			3	9	
9	5				3		2	6
2	9	5	3	1	7			4
		6		9			7	2
7					2	1		9

Game A

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

**Game B**

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

Game C

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



**Game D**

<b>2</b>			<b>8</b>	<b>5</b>	<b>1</b>			<b>4</b>
<b>4</b>		<b>3</b>				<b>5</b>		<b>9</b>
<b>9</b>	<b>7</b>		<b>4</b>		<b>3</b>		<b>2</b>	<b>6</b>
<b>6</b>	<b>4</b>		<b>2</b>		<b>9</b>		<b>5</b>	<b>1</b>
<b>8</b>		<b>2</b>				<b>9</b>		<b>5</b>
<b>7</b>			<b>6</b>	<b>3</b>	<b>8</b>			<b>2</b>

## Game E

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

## Bibliography

*Sudoku Puzzles* Puzzler Media 2006  
*The Independent Book of Sudoku* Chambers 2005