

GRADE 6 - GRADE 7 - GRADE 8

MY CHRISTMAS SUDOKU



BOOK 2

HISTORY

Sudoku is a Japanese strategy game that takes its name from antiquity. Its origins come from the "magic squares" which have existed in China for thousands of years, but also from the "Latin square" of the Swiss mathematician Leonhard Euler who imagines a problem in the form of a grid with numbers, colors or anything other elements.

RULES

A Sudoku grid consists of nine 3x3 squares. In Sudoku, these squares are called "regions". The object of the game is to complete the grid so that each line, each column and each box contains all the numbers from 1 to 9 once and only once. You need a little logic and patience !

it's your turn to play !

Exercise #1 :

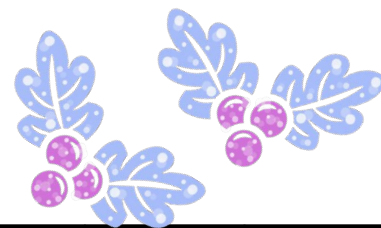


	5		3	1	4		6	
8	7				9	4		3
6	4	3	5		7	1	9	2
		7	8		5	2	1	
4	1		9					
	2	5		6	1	9		7
7	9		2	5		8	4	
		4		9	6			5
	3		1		8	6	7	

MEDIUM



Exercise #2 :



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

MEDIUM



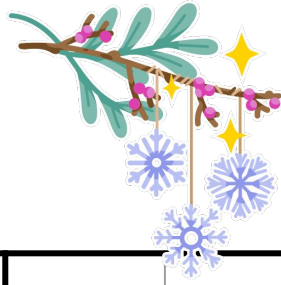
Exercise #3 :



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

MEDIUM





Exercise #4 :

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

MEDIUM



Exercise #5 :



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

MEDIUM



Exercise #6 :



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

MEDIUM



Exercise #7 :



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

MEDIUM



Exercise #8 :



F		G	C		Z		B	E
C	E		H		A		F	
	H	B		F			A	C
A		E			H	C	D	
	D	H	F		C		E	
	F	C		G	E			A
	B	F	A	C			Z	H
H			Z	E		F		D
	Z	D		H		A		B

ABCDEFGH





Exercise #9 :

C	Z		D		B		H	E
E		H	C		A	B		
	B	D		H	E		G	F
D	F		G	C		H		A
	C		B	E		Z		
Z	H	E			D	G		C
F		C		Z			A	B
	A		E		F		C	
	E	G	A		C	F		H

ABCDEF GH



Exercise #10 :



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



HARD

Exercise #11 :



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



HARD

Exercise #12 :



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

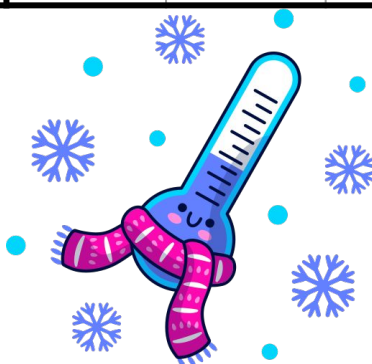


HARD

Exercise #13 :



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



HARD

Exercise #14 :



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



HARD

Exercise #15 :



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



HARD

ANSWERS

Exercise #1

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

Exercise #2



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

Exercise #3



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

Exercise #4

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

ANSWERS

Exercise #5

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

Exercise #6

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

Exercise #7

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

Exercise #8

F	A	G	C	D	Z	H	B	E
C	E	Z	H	B	A	D	F	G
D	H	B	E	F	G	Z	A	C
A	G	E	B	Z	H	C	D	F
B	D	H	F	A	C	G	E	Z
Z	F	C	D	G	E	B	H	A
G	B	F	A	C	D	E	Z	H
H	C	A	Z	E	B	F	G	D
E	Z	D	G	H	F	A	C	B



ANSWERS



Exercise #9

C	Z	F	D	G	B	A	H	E
E	G	H	C	F	A	B	D	Z
A	B	D	Z	H	E	C	G	F
D	F	B	G	C	Z	H	E	A
G	C	A	B	E	H	Z	F	D
Z	H	E	F	A	D	G	B	C
F	D	C	H	Z	G	E	A	B
H	A	Z	E	B	F	D	C	G
B	E	G	A	D	C	F	Z	H

Exercise #10

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

Exercise #11

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

Exercise #12

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

ANSWERS



Exercise #13

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

Exercise #14

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

Exercise #15

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

HAPPY HOLIDAY

