Hard sudoku puzzles

Name _____ Date _____

The rule

Write a number from 1 to 9 in each empty square. Every row, every column and every thick-lined box must have each number once, with no repeats.

Puzzle 1

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

Puzzle 2

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

Solving tips

1. Find a row, column or box with only one empty square. Which number is missing?
2. Pick one number, say 1, and look for every box that still needs it.
3. Write small guesses in pencil, then check them before you go over them.

How did I do? ☆ ☆ ☆

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Hard sudoku puzzles, page 2

Name _____ Date _____

Puzzle 3

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

Puzzle 4

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

Puzzle 5

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

Puzzle 6

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

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: hard sudoku puzzles

Puzzle 1

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

Puzzle 2

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

Puzzle 3

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

Puzzle 4

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

Puzzle 5

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

Puzzle 6

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

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