Sudoku: Hard

6 hard puzzles, two to a page. Answers on the last page.

Fill every row, every column and every 3×3 box with the numbers 1 to 9, each one once. Every puzzle has exactly one answer.

Puzzle 1

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

Puzzle 2

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

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Puzzle 3

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

Puzzle 4

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

Sudoku: Hard

6 hard puzzles, two to a page. Answers on the last page.

Puzzle 5

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

Puzzle 6

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

Answers

Sudoku: Hard. Printed digits in black, the answers in green.

Puzzle 1

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

Key move: Naked triple

Puzzle 2

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

Key move: Naked triple

Puzzle 3

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

Key move: X-Wing

Puzzle 4

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

Key move: Naked triple

Puzzle 5

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

Key move: X-Wing

Puzzle 6

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

Key move: Naked triple