Sudoku: Expert

6 expert 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

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

Puzzle 2

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

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Puzzle 3

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

Puzzle 4

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

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Puzzle 5

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

Puzzle 6

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

Answers

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

Puzzle 1

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

Key move: XY-Wing

Puzzle 2

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

Key move: XY-Wing

Puzzle 3

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

Key move: XY-Wing

Puzzle 4

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

Key move: XY-Wing

Puzzle 5

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

Key move: XY-Wing

Puzzle 6

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

Key move: XY-Wing