

Puzzle 1 (Very hard, difficulty rating 0.88)

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

Puzzle 2 (Very hard, difficulty rating 0.78)

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

Puzzle 3 (Very hard, difficulty rating 0.77)

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

Puzzle 4 (Very hard, difficulty rating 0.83)

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

Puzzle 5 (Very hard, difficulty rating 0.81)

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

Puzzle 6 (Very hard, difficulty rating 0.89)

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

Puzzle 7 (Very hard, difficulty rating 0.78)

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

Puzzle 8 (Very hard, difficulty rating 0.82)

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

Puzzle 9 (Very hard, difficulty rating 0.84)

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

Puzzle 10 (Very hard, difficulty rating 0.78)

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

Puzzle 11 (Very hard, difficulty rating 0.82)

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

Puzzle 12 (Very hard, difficulty rating 0.82)

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

Puzzle 13 (Very hard, difficulty rating 0.90)

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

Puzzle 14 (Very hard, difficulty rating 0.83)

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

Puzzle 15 (Very hard, difficulty rating 0.83)

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

Puzzle 16 (Very hard, difficulty rating 0.75)

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

Puzzle 17 (Very hard, difficulty rating 0.83)

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

Puzzle 18 (Very hard, difficulty rating 0.86)

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

Puzzle 19 (Very hard, difficulty rating 0.87)

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

Puzzle 20 (Very hard, difficulty rating 0.84)

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

Puzzle 21 (Very hard, difficulty rating 0.77)

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

Puzzle 22 (Very hard, difficulty rating 0.90)

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

Puzzle 23 (Very hard, difficulty rating 0.88)

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

Puzzle 24 (Very hard, difficulty rating 0.85)

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

Puzzle 25 (Very hard, difficulty rating 0.78)

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

Puzzle 26 (Very hard, difficulty rating 0.82)

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

Puzzle 27 (Very hard, difficulty rating 0.85)

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

Puzzle 28 (Very hard, difficulty rating 0.81)

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

Puzzle 29 (Very hard, difficulty rating 0.81)

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

Puzzle 30 (Very hard, difficulty rating 0.79)

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

Puzzle 31 (Very hard, difficulty rating 0.80)

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

Puzzle 32 (Very hard, difficulty rating 0.84)

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

Puzzle 33 (Very hard, difficulty rating 0.80)

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

Puzzle 34 (Very hard, difficulty rating 0.76)

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

Puzzle 35 (Very hard, difficulty rating 0.82)

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

Puzzle 36 (Very hard, difficulty rating 0.77)

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

Puzzle 37 (Very hard, difficulty rating 0.82)

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

Puzzle 38 (Very hard, difficulty rating 0.78)

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

Puzzle 39 (Very hard, difficulty rating 0.87)

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

Puzzle 40 (Very hard, difficulty rating 0.87)

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

Puzzle 41 (Very hard, difficulty rating 0.85)

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

Puzzle 42 (Very hard, difficulty rating 0.79)

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

Puzzle 43 (Very hard, difficulty rating 0.75)

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

Puzzle 44 (Very hard, difficulty rating 0.76)

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

Puzzle 45 (Very hard, difficulty rating 0.78)

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

Puzzle 46 (Very hard, difficulty rating 0.85)

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

Puzzle 47 (Very hard, difficulty rating 0.80)

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

Puzzle 48 (Very hard, difficulty rating 0.83)

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

Puzzle 49 (Very hard, difficulty rating 0.87)

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

Puzzle 50 (Very hard, difficulty rating 0.79)

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

Puzzle 1 (Very hard, difficulty rating 0.88)

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

Puzzle 2 (Very hard, difficulty rating 0.78)

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

Puzzle 3 (Very hard, difficulty rating 0.77)

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

Puzzle 4 (Very hard, difficulty rating 0.83)

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

Puzzle 5 (Very hard, difficulty rating 0.81)

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

Puzzle 6 (Very hard, difficulty rating 0.89)

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

Puzzle 7 (Very hard, difficulty rating 0.78)

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

Puzzle 8 (Very hard, difficulty rating 0.82)

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

Puzzle 9 (Very hard, difficulty rating 0.84)

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

Puzzle 10 (Very hard, difficulty rating 0.78)

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

Puzzle 11 (Very hard, difficulty rating 0.82)

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

Puzzle 12 (Very hard, difficulty rating 0.82)

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

Puzzle 13 (Very hard, difficulty rating 0.90)

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

Puzzle 14 (Very hard, difficulty rating 0.83)

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

Puzzle 15 (Very hard, difficulty rating 0.83)

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

Puzzle 16 (Very hard, difficulty rating 0.75)

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

Puzzle 17 (Very hard, difficulty rating 0.83)

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

Puzzle 18 (Very hard, difficulty rating 0.86)

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

Puzzle 19 (Very hard, difficulty rating 0.87)

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

Puzzle 20 (Very hard, difficulty rating 0.84)

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

Puzzle 21 (Very hard, difficulty rating 0.77)

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

Puzzle 22 (Very hard, difficulty rating 0.90)

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

Puzzle 23 (Very hard, difficulty rating 0.88)

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

Puzzle 24 (Very hard, difficulty rating 0.85)

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

Puzzle 25 (Very hard, difficulty rating 0.78)

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

Puzzle 26 (Very hard, difficulty rating 0.82)

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

Puzzle 27 (Very hard, difficulty rating 0.85)

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

Puzzle 28 (Very hard, difficulty rating 0.81)

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

Puzzle 29 (Very hard, difficulty rating 0.81)

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

Puzzle 30 (Very hard, difficulty rating 0.79)

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

Puzzle 31 (Very hard, difficulty rating 0.80)

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

Puzzle 32 (Very hard, difficulty rating 0.84)

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

Puzzle 33 (Very hard, difficulty rating 0.80)

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

Puzzle 34 (Very hard, difficulty rating 0.76)

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

Puzzle 35 (Very hard, difficulty rating 0.82)

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

Puzzle 36 (Very hard, difficulty rating 0.77)

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

Puzzle 37 (Very hard, difficulty rating 0.82)

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

Puzzle 38 (Very hard, difficulty rating 0.78)

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

Puzzle 39 (Very hard, difficulty rating 0.87)

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

Puzzle 40 (Very hard, difficulty rating 0.87)

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

Puzzle 41 (Very hard, difficulty rating 0.85)

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

Puzzle 42 (Very hard, difficulty rating 0.79)

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

Puzzle 43 (Very hard, difficulty rating 0.75)

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

Puzzle 44 (Very hard, difficulty rating 0.76)

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

Puzzle 45 (Very hard, difficulty rating 0.78)

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

Puzzle 46 (Very hard, difficulty rating 0.85)

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

Puzzle 47 (Very hard, difficulty rating 0.80)

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

Puzzle 48 (Very hard, difficulty rating 0.83)

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

Puzzle 49 (Very hard, difficulty rating 0.87)

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

Puzzle 50 (Very hard, difficulty rating 0.79)

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