

Puzzle 1 (Hard, difficulty rating 0.62)

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

Puzzle 2 (Hard, difficulty rating 0.70)

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

Puzzle 3 (Hard, difficulty rating 0.74)

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

Puzzle 4 (Hard, difficulty rating 0.63)

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

Puzzle 5 (Hard, difficulty rating 0.62)

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

Puzzle 6 (Hard, difficulty rating 0.60)

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

Puzzle 7 (Hard, difficulty rating 0.69)

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

Puzzle 8 (Hard, difficulty rating 0.61)

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

Puzzle 9 (Hard, difficulty rating 0.66)

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

Puzzle 10 (Hard, difficulty rating 0.60)

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

Puzzle 11 (Hard, difficulty rating 0.60)

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

Puzzle 12 (Hard, difficulty rating 0.66)

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

Puzzle 13 (Hard, difficulty rating 0.61)

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

Puzzle 14 (Hard, difficulty rating 0.61)

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

Puzzle 15 (Hard, difficulty rating 0.67)

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

Puzzle 16 (Hard, difficulty rating 0.71)

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

Puzzle 17 (Hard, difficulty rating 0.70)

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

Puzzle 18 (Hard, difficulty rating 0.63)

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

Puzzle 19 (Hard, difficulty rating 0.70)

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

Puzzle 20 (Hard, difficulty rating 0.70)

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

Puzzle 21 (Hard, difficulty rating 0.67)

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

Puzzle 22 (Hard, difficulty rating 0.64)

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

Puzzle 23 (Hard, difficulty rating 0.62)

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

Puzzle 24 (Hard, difficulty rating 0.64)

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

Puzzle 25 (Hard, difficulty rating 0.68)

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

Puzzle 26 (Hard, difficulty rating 0.64)

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

Puzzle 27 (Hard, difficulty rating 0.69)

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

Puzzle 28 (Hard, difficulty rating 0.63)

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

Puzzle 29 (Hard, difficulty rating 0.69)

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

Puzzle 30 (Hard, difficulty rating 0.69)

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

Puzzle 31 (Hard, difficulty rating 0.63)

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

Puzzle 32 (Hard, difficulty rating 0.71)

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

Puzzle 33 (Hard, difficulty rating 0.65)

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

Puzzle 34 (Hard, difficulty rating 0.63)

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

Puzzle 35 (Hard, difficulty rating 0.67)

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

Puzzle 36 (Hard, difficulty rating 0.62)

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

Puzzle 37 (Hard, difficulty rating 0.62)

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

Puzzle 38 (Hard, difficulty rating 0.67)

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

Puzzle 39 (Hard, difficulty rating 0.62)

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

Puzzle 40 (Hard, difficulty rating 0.60)

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

Puzzle 41 (Hard, difficulty rating 0.70)

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

Puzzle 42 (Hard, difficulty rating 0.67)

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

Puzzle 43 (Hard, difficulty rating 0.68)

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

Puzzle 44 (Hard, difficulty rating 0.65)

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

Puzzle 45 (Hard, difficulty rating 0.63)

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

Puzzle 46 (Hard, difficulty rating 0.74)

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

Puzzle 47 (Hard, difficulty rating 0.63)

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

Puzzle 48 (Hard, difficulty rating 0.60)

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

Puzzle 49 (Hard, difficulty rating 0.60)

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

Puzzle 50 (Hard, difficulty rating 0.72)

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

Puzzle 1 (Hard, difficulty rating 0.62)

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

Puzzle 2 (Hard, difficulty rating 0.70)

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

Puzzle 3 (Hard, difficulty rating 0.74)

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 4 (Hard, difficulty rating 0.63)

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

Puzzle 5 (Hard, difficulty rating 0.62)

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 6 (Hard, difficulty rating 0.60)

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

Puzzle 7 (Hard, difficulty rating 0.69)

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

Puzzle 8 (Hard, difficulty rating 0.61)

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

Puzzle 9 (Hard, difficulty rating 0.66)

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

Puzzle 10 (Hard, difficulty rating 0.60)

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

Puzzle 11 (Hard, difficulty rating 0.60)

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 12 (Hard, difficulty rating 0.66)

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

Puzzle 13 (Hard, difficulty rating 0.61)

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

Puzzle 14 (Hard, difficulty rating 0.61)

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

Puzzle 15 (Hard, difficulty rating 0.67)

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

Puzzle 16 (Hard, difficulty rating 0.71)

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 17 (Hard, difficulty rating 0.70)

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 18 (Hard, difficulty rating 0.63)

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

Puzzle 19 (Hard, difficulty rating 0.70)

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

Puzzle 20 (Hard, difficulty rating 0.70)

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

Puzzle 21 (Hard, difficulty rating 0.67)

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 22 (Hard, difficulty rating 0.64)

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

Puzzle 23 (Hard, difficulty rating 0.62)

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

Puzzle 24 (Hard, difficulty rating 0.64)

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

Puzzle 25 (Hard, difficulty rating 0.68)

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

Puzzle 26 (Hard, difficulty rating 0.64)

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

Puzzle 27 (Hard, difficulty rating 0.69)

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

Puzzle 28 (Hard, difficulty rating 0.63)

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

Puzzle 29 (Hard, difficulty rating 0.69)

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 (Hard, difficulty rating 0.69)

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

Puzzle 31 (Hard, difficulty rating 0.63)

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

Puzzle 32 (Hard, difficulty rating 0.71)

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 33 (Hard, difficulty rating 0.65)

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

Puzzle 34 (Hard, difficulty rating 0.63)

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

Puzzle 35 (Hard, difficulty rating 0.67)

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

Puzzle 36 (Hard, difficulty rating 0.62)

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

Puzzle 37 (Hard, difficulty rating 0.62)

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

Puzzle 38 (Hard, difficulty rating 0.67)

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 39 (Hard, difficulty rating 0.62)

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

Puzzle 40 (Hard, difficulty rating 0.60)

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

Puzzle 41 (Hard, difficulty rating 0.70)

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

Puzzle 42 (Hard, difficulty rating 0.67)

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

Puzzle 43 (Hard, difficulty rating 0.68)

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

Puzzle 44 (Hard, difficulty rating 0.65)

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

Puzzle 45 (Hard, difficulty rating 0.63)

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

Puzzle 46 (Hard, difficulty rating 0.74)

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

Puzzle 47 (Hard, difficulty rating 0.63)

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

Puzzle 48 (Hard, difficulty rating 0.60)

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

Puzzle 49 (Hard, difficulty rating 0.60)

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 50 (Hard, difficulty rating 0.72)

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