

Puzzle 1 (Hard, difficulty rating 0.66)

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

Puzzle 2 (Hard, difficulty rating 0.61)

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

Puzzle 3 (Hard, difficulty rating 0.64)

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

Puzzle 4 (Hard, difficulty rating 0.61)

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

Puzzle 5 (Hard, difficulty rating 0.61)

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

Puzzle 6 (Hard, difficulty rating 0.60)

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

Puzzle 7 (Hard, difficulty rating 0.61)

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

Puzzle 8 (Hard, difficulty rating 0.71)

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

Puzzle 9 (Hard, difficulty rating 0.64)

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

Puzzle 10 (Hard, difficulty rating 0.63)

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

Puzzle 11 (Hard, difficulty rating 0.69)

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

Puzzle 12 (Hard, difficulty rating 0.72)

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

Puzzle 13 (Hard, difficulty rating 0.66)

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

Puzzle 14 (Hard, difficulty rating 0.63)

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

Puzzle 15 (Hard, difficulty rating 0.70)

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

Puzzle 16 (Hard, difficulty rating 0.64)

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

Puzzle 17 (Hard, difficulty rating 0.63)

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

Puzzle 18 (Hard, difficulty rating 0.62)

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

Puzzle 19 (Hard, difficulty rating 0.66)

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

Puzzle 20 (Hard, difficulty rating 0.62)

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

Puzzle 21 (Hard, difficulty rating 0.60)

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

Puzzle 22 (Hard, difficulty rating 0.68)

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

Puzzle 23 (Hard, difficulty rating 0.62)

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

Puzzle 24 (Hard, difficulty rating 0.68)

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

Puzzle 25 (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 26 (Hard, difficulty rating 0.60)

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

Puzzle 27 (Hard, difficulty rating 0.66)

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

Puzzle 28 (Hard, difficulty rating 0.66)

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

Puzzle 29 (Hard, difficulty rating 0.60)

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

Puzzle 30 (Hard, difficulty rating 0.63)

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

Puzzle 31 (Hard, difficulty rating 0.70)

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

Puzzle 32 (Hard, difficulty rating 0.68)

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

Puzzle 33 (Hard, difficulty rating 0.69)

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

Puzzle 34 (Hard, difficulty rating 0.65)

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

Puzzle 35 (Hard, difficulty rating 0.65)

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

Puzzle 36 (Hard, difficulty rating 0.67)

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

Puzzle 37 (Hard, difficulty rating 0.64)

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

Puzzle 38 (Hard, difficulty rating 0.62)

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

Puzzle 39 (Hard, difficulty rating 0.71)

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

Puzzle 40 (Hard, difficulty rating 0.71)

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

Puzzle 41 (Hard, difficulty rating 0.68)

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

Puzzle 42 (Hard, difficulty rating 0.65)

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

Puzzle 43 (Hard, difficulty rating 0.67)

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

Puzzle 44 (Hard, difficulty rating 0.63)

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

Puzzle 45 (Hard, difficulty rating 0.75)

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

Puzzle 46 (Hard, difficulty rating 0.70)

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

Puzzle 47 (Hard, difficulty rating 0.60)

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

Puzzle 48 (Hard, difficulty rating 0.68)

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

Puzzle 49 (Hard, difficulty rating 0.66)

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

Puzzle 50 (Hard, difficulty rating 0.74)

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

Puzzle 1 (Hard, difficulty rating 0.66)

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

Puzzle 2 (Hard, difficulty rating 0.61)

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

Puzzle 3 (Hard, difficulty rating 0.64)

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

Puzzle 4 (Hard, difficulty rating 0.61)

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 5 (Hard, difficulty rating 0.61)

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 6 (Hard, difficulty rating 0.60)

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

Puzzle 7 (Hard, difficulty rating 0.61)

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

Puzzle 8 (Hard, difficulty rating 0.71)

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

Puzzle 9 (Hard, difficulty rating 0.64)

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

Puzzle 10 (Hard, difficulty rating 0.63)

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

Puzzle 11 (Hard, difficulty rating 0.69)

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

Puzzle 12 (Hard, difficulty rating 0.72)

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 13 (Hard, difficulty rating 0.66)

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

Puzzle 14 (Hard, difficulty rating 0.63)

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 15 (Hard, difficulty rating 0.70)

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

Puzzle 16 (Hard, difficulty rating 0.64)

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 17 (Hard, difficulty rating 0.63)

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

Puzzle 18 (Hard, difficulty rating 0.62)

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

Puzzle 19 (Hard, difficulty rating 0.66)

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

Puzzle 20 (Hard, difficulty rating 0.62)

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

Puzzle 21 (Hard, difficulty rating 0.60)

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

Puzzle 22 (Hard, difficulty rating 0.68)

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

Puzzle 23 (Hard, difficulty rating 0.62)

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

Puzzle 24 (Hard, difficulty rating 0.68)

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 25 (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 26 (Hard, difficulty rating 0.60)

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

Puzzle 27 (Hard, difficulty rating 0.66)

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

Puzzle 28 (Hard, difficulty rating 0.66)

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

Puzzle 29 (Hard, difficulty rating 0.60)

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 30 (Hard, difficulty rating 0.63)

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

Puzzle 31 (Hard, difficulty rating 0.70)

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

Puzzle 32 (Hard, difficulty rating 0.68)

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

Puzzle 33 (Hard, difficulty rating 0.69)

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

Puzzle 34 (Hard, difficulty rating 0.65)

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

Puzzle 35 (Hard, difficulty rating 0.65)

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

Puzzle 36 (Hard, difficulty rating 0.67)

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

Puzzle 37 (Hard, difficulty rating 0.64)

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 38 (Hard, difficulty rating 0.62)

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

Puzzle 39 (Hard, difficulty rating 0.71)

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

Puzzle 40 (Hard, difficulty rating 0.71)

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

Puzzle 41 (Hard, difficulty rating 0.68)

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 42 (Hard, difficulty rating 0.65)

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 43 (Hard, difficulty rating 0.67)

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

Puzzle 44 (Hard, difficulty rating 0.63)

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 45 (Hard, difficulty rating 0.75)

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 46 (Hard, difficulty rating 0.70)

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

Puzzle 47 (Hard, difficulty rating 0.60)

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 48 (Hard, difficulty rating 0.68)

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

Puzzle 49 (Hard, difficulty rating 0.66)

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

Puzzle 50 (Hard, difficulty rating 0.74)

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