

Puzzle 1 (Hard, difficulty rating 0.62)

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

Puzzle 2 (Hard, difficulty rating 0.66)

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

Puzzle 3 (Hard, difficulty rating 0.63)

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

Puzzle 4 (Hard, difficulty rating 0.61)

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

Puzzle 5 (Hard, difficulty rating 0.61)

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

Puzzle 6 (Hard, difficulty rating 0.60)

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

Puzzle 7 (Hard, difficulty rating 0.68)

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

Puzzle 8 (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 9 (Hard, difficulty rating 0.63)

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

Puzzle 10 (Hard, difficulty rating 0.70)

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

Puzzle 11 (Hard, difficulty rating 0.62)

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

Puzzle 12 (Hard, difficulty rating 0.63)

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

Puzzle 13 (Hard, difficulty rating 0.66)

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

Puzzle 14 (Hard, difficulty rating 0.64)

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

Puzzle 15 (Hard, difficulty rating 0.63)

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

Puzzle 16 (Hard, difficulty rating 0.64)

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

Puzzle 17 (Hard, difficulty rating 0.61)

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

Puzzle 18 (Hard, difficulty rating 0.64)

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

Puzzle 19 (Hard, difficulty rating 0.67)

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

Puzzle 20 (Hard, difficulty rating 0.65)

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

Puzzle 21 (Hard, difficulty rating 0.71)

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

Puzzle 22 (Hard, difficulty rating 0.69)

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

Puzzle 23 (Hard, difficulty rating 0.69)

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

Puzzle 24 (Hard, difficulty rating 0.67)

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

Puzzle 25 (Hard, difficulty rating 0.62)

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

Puzzle 26 (Hard, difficulty rating 0.63)

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

Puzzle 27 (Hard, difficulty rating 0.66)

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

Puzzle 28 (Hard, difficulty rating 0.70)

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

Puzzle 29 (Hard, difficulty rating 0.75)

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

Puzzle 30 (Hard, difficulty rating 0.66)

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

Puzzle 31 (Hard, difficulty rating 0.62)

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

Puzzle 32 (Hard, difficulty rating 0.61)

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

Puzzle 33 (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 34 (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 35 (Hard, difficulty rating 0.64)

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

Puzzle 36 (Hard, difficulty rating 0.67)

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

Puzzle 37 (Hard, difficulty rating 0.63)

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

Puzzle 38 (Hard, difficulty rating 0.65)

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

Puzzle 39 (Hard, difficulty rating 0.61)

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

Puzzle 40 (Hard, difficulty rating 0.67)

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

Puzzle 41 (Hard, difficulty rating 0.60)

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

Puzzle 42 (Hard, difficulty rating 0.62)

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

Puzzle 43 (Hard, difficulty rating 0.63)

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

Puzzle 44 (Hard, difficulty rating 0.63)

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

Puzzle 45 (Hard, difficulty rating 0.65)

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

Puzzle 46 (Hard, difficulty rating 0.67)

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

Puzzle 47 (Hard, difficulty rating 0.68)

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

Puzzle 48 (Hard, difficulty rating 0.65)

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

Puzzle 49 (Hard, difficulty rating 0.60)

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

Puzzle 50 (Hard, difficulty rating 0.66)

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