

Puzzle 1 – Hard

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

Puzzle 2 – Hard

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

Puzzle 3 – Hard

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

Puzzle 4 – Hard

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

Puzzle 5 – Hard

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

Puzzle 6 – Hard

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

Puzzle 7 – Hard

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

Puzzle 8 – Hard

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

Puzzle 9 – Hard

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

Puzzle 10 – Hard

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

Puzzle 11 – Hard

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

Puzzle 12 – Hard

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

Puzzle 13 – Evil

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

Puzzle 14 – Evil

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

Puzzle 15 – Evil

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

Puzzle 16 – Evil

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

Puzzle 17 – Evil

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

Puzzle 18 – Evil

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

Puzzle 19 – Evil

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

Puzzle 20 – Evil

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

Puzzle 21 – Evil

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

Puzzle 22 – Evil

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

Puzzle 23 – Evil

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

Puzzle 24 – Evil

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

Puzzle 25 – Hard

H	C							K		E	
D							G	I	F	J	
B					F	D	C			L	
			B	H		I					
A		D			G		F				
C			I		J	E			K	B	H
I	G	H			B	C		E			L
					F		G		A		B
					H		J	F			
	H				G	L	K				I
	I	L	E		C						K
	B		D							G	J

Puzzle 26 – Hard

G						D			A		F	
		J				A		H	C	D	I	
C	A		D			L			J	B		
					A	B	D		L		G	
L	D	A			G					E	C	
									B			
			K									
I	E						J		K	G	A	
J		F			I	C		E				
	J	L				G			E		C	B
D	K	C	I			H				G		
F		E				L						H

Puzzle 27 – Hard

G			C		A	L		I		D	
D		H			E	G	F				
			E		D				B	C	
			I				A	G		H	K
	F				K				D	J	
							B	L	F		E
B		G	K	A							
	C	E				J				L	
L	H		J	I				B			
F		K				D		C			
				F	C	A			H		G
	G		H		I	B		E			A

Puzzle 28 – Hard

B	A					I	G		L		H
L						D		F	B		I
					F						
I				F			L		H	G	D
J					A	G	B	K			
	C	K			D	E	H			I	
	K			L	G	H			E	F	
			L	E	B	C					G
H	G	E		D			A				C
						A					
E		C	H		L						J
A		D		H	K					L	E

Puzzle 29 – Hard

D	N	E	K	L	F			P	I			G		
O	P		I				G	F		N		J		A
F	J	B	A	O				L	M		D		C	
C				I									K	D
		A			B		O			K	P		J	C
N	E		B	G		C			O	L	I			
	I				P		D		C					
		D			J	L	M	A				O		I
L		C			G	N	D	P				A		
						B		H		I				M
				C	H	F		G		O	B		N	L
M	B			D	I			A		C		K		
B	D									L				K
		I		P		O	F			H	A	B	L	J
H			N		K		C	O				E		D
		M			E	I			D	K	O	P	F	N

Puzzle 30 – Hard

	H	O			D		J	A			I			
		B		C	K		J		M	F	E	N		P
A						H					J	O	B	
	J	C	N			M		I	G		A			
H					N					G		P	C	
D	G		C		E	P	F	N		I				
P	A		F				C	E	O	L	D		B	N
		E	B			L		F	C	H				
					I	E	K		F			N	G	
	K	J		O	A	F	D	L				P		I
					C		P	I	E	D		L		A
	N	D		J					K					F
			D		G	K			M			B	E	F
	P	N	O					A						L
K		F	M	H	J			D		E	N		A	
			A			C	O		L				I	M

Puzzle 31 – Hard

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

Puzzle 1 Solution

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

Puzzle 2 Solution

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

Puzzle 3 Solution

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

Puzzle 4 Solution

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

Puzzle 5 Solution

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

Puzzle 6 Solution

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

Puzzle 7 Solution

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

Puzzle 8 Solution

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

Puzzle 9 Solution

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

Puzzle 10 Solution

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

Puzzle 11 Solution

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

Puzzle 12 Solution

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

Puzzle 13 Solution

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

Puzzle 14 Solution

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

Puzzle 15 Solution

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

Puzzle 16 Solution

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

Puzzle 17 Solution

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

Puzzle 18 Solution

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

Puzzle 19 Solution

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

Puzzle 20 Solution

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

Puzzle 21 Solution

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

Puzzle 22 Solution

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

Puzzle 23 Solution

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

Puzzle 24 Solution

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

Puzzle 25 Solution

H	C	F	G	J	I	A	L	K	B	E	D
D	E	A	L	B	K	H	G	I	F	J	C
B	J	I	K	E	F	D	C	H	G	L	A
J	K	E	B	H	C	I	D	G	L	A	F
A	L	D	H	K	G	B	F	J	C	I	E
C	F	G	I	L	J	E	A	D	K	B	H
I	G	H	F	A	B	C	K	E	J	D	L
L	D	K	J	F	E	G	I	C	A	H	B
E	A	B	C	D	H	L	J	F	I	K	G
F	H	J	A	G	L	K	E	B	D	C	I
G	I	L	E	C	D	J	B	A	H	F	K
K	B	C	D	I	A	F	H	L	E	G	J

Puzzle 26 Solution

G	H	B	E	C	J	D	I	K	A	L	F
K	L	J	F	E	B	A	G	H	C	D	I
C	A	I	D	K	F	L	H	G	J	B	E
H	I	K	C	A	E	B	D	J	L	F	G
L	D	A	B	G	K	J	F	I	H	E	C
E	F	G	J	L	I	H	C	B	D	A	K
B	C	D	K	H	A	G	L	F	E	I	J
I	E	H	L	B	D	F	J	C	K	G	A
J	G	F	A	I	C	K	E	L	B	H	D
A	J	L	H	D	G	I	K	E	F	C	B
D	K	C	I	F	H	E	B	A	G	J	L
F	B	E	G	J	L	C	A	D	I	K	H

Puzzle 27 Solution

G	K	J	C	B	A	L	H	I	E	D	F
D	I	H	B	C	E	G	F	J	K	A	L
A	L	F	E	K	D	I	J	H	B	G	C
E	J	B	I	D	L	F	A	G	C	H	K
H	F	L	G	E	K	C	I	A	D	J	B
K	A	C	D	J	G	H	B	L	F	I	E
B	D	G	K	A	H	E	L	F	I	C	J
I	C	E	F	G	B	J	D	K	A	L	H
L	H	A	J	I	F	K	C	B	G	E	D
F	E	K	A	H	J	D	G	C	L	B	I
J	B	I	L	F	C	A	E	D	H	K	G
C	G	D	H	L	I	B	K	E	J	F	A

Puzzle 28 Solution

B	A	F	C	K	J	I	G	E	L	D	H
L	J	G	K	A	H	D	E	F	B	C	I
D	I	H	E	B	F	L	C	G	J	A	K
I	E	B	A	F	C	K	L	J	H	G	D
J	H	L	D	I	A	G	B	K	C	E	F
G	C	K	F	J	D	E	H	B	A	I	L
C	K	I	B	L	G	H	J	D	E	F	A
F	D	A	L	E	B	C	K	H	I	J	G
H	G	E	J	D	I	F	A	L	K	B	C
K	L	J	G	C	E	A	D	I	F	H	B
E	F	C	H	G	L	B	I	A	D	K	J
A	B	D	I	H	K	J	F	C	G	L	E

Puzzle 29 Solution

D	N	E	K	L	F	H	A	P	I	J	C	M	G	O	B
O	P	H	I	M	C	D	G	F	K	N	B	J	L	E	A
F	J	B	A	O	E	K	P	L	M	G	D	N	C	I	H
C	M	L	G	I	J	N	B	E	H	O	A	P	F	K	D
G	H	A	M	F	B	I	O	N	D	K	P	L	E	J	C
N	E	K	B	G	A	C	H	J	O	L	I	D	M	P	F
J	I	O	L	K	P	M	D	B	C	F	E	H	N	A	G
P	F	D	C	E	N	J	L	M	A	H	G	K	O	B	I
L	K	C	F	J	O	G	N	D	P	B	M	I	A	H	E
E	O	G	D	A	L	B	K	H	F	I	N	C	J	M	P
I	A	J	P	C	H	F	M	K	G	E	O	B	D	N	L
M	B	N	H	D	I	P	E	A	L	C	J	F	K	G	O
B	D	F	O	N	M	A	J	I	E	P	L	G	H	C	K
K	C	I	E	P	D	O	F	G	N	M	H	A	B	L	J
H	G	P	N	B	K	L	C	O	J	A	F	E	I	D	M
A	L	M	J	H	G	E	I	C	B	D	K	O	P	F	N

Puzzle 30 Solution

M	H	O	K	P	L	D	N	J	A	B	E	I	F	G	C
G	D	B	I	C	K	A	J	O	H	M	F	E	N	L	P
A	L	P	E	I	F	G	H	K	D	N	C	J	O	B	M
F	J	C	N	E	O	M	B	P	I	G	L	A	D	H	K
H	M	L	J	D	N	O	I	B	K	A	G	F	P	C	E
D	G	K	C	B	E	P	F	N	J	I	M	H	L	O	A
P	A	I	F	K	H	J	C	E	O	L	D	M	B	N	G
N	O	E	B	A	M	L	G	F	C	H	P	K	J	D	I
C	B	A	P	L	I	E	K	M	F	O	H	N	G	J	D
E	K	J	G	O	A	F	D	L	N	C	B	P	M	I	H
O	F	M	H	G	C	N	P	I	E	D	J	L	K	A	B
I	N	D	L	J	B	H	M	G	P	K	A	O	C	E	F
L	I	H	D	N	G	K	A	C	M	P	O	B	E	F	J
J	P	N	O	M	D	B	E	A	G	F	I	C	H	K	L
K	C	F	M	H	J	I	L	D	B	E	N	G	A	P	O
B	E	G	A	F	P	C	O	H	L	J	K	D	I	M	N

Puzzle 31 Solution

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