

Peach lemon by clover!

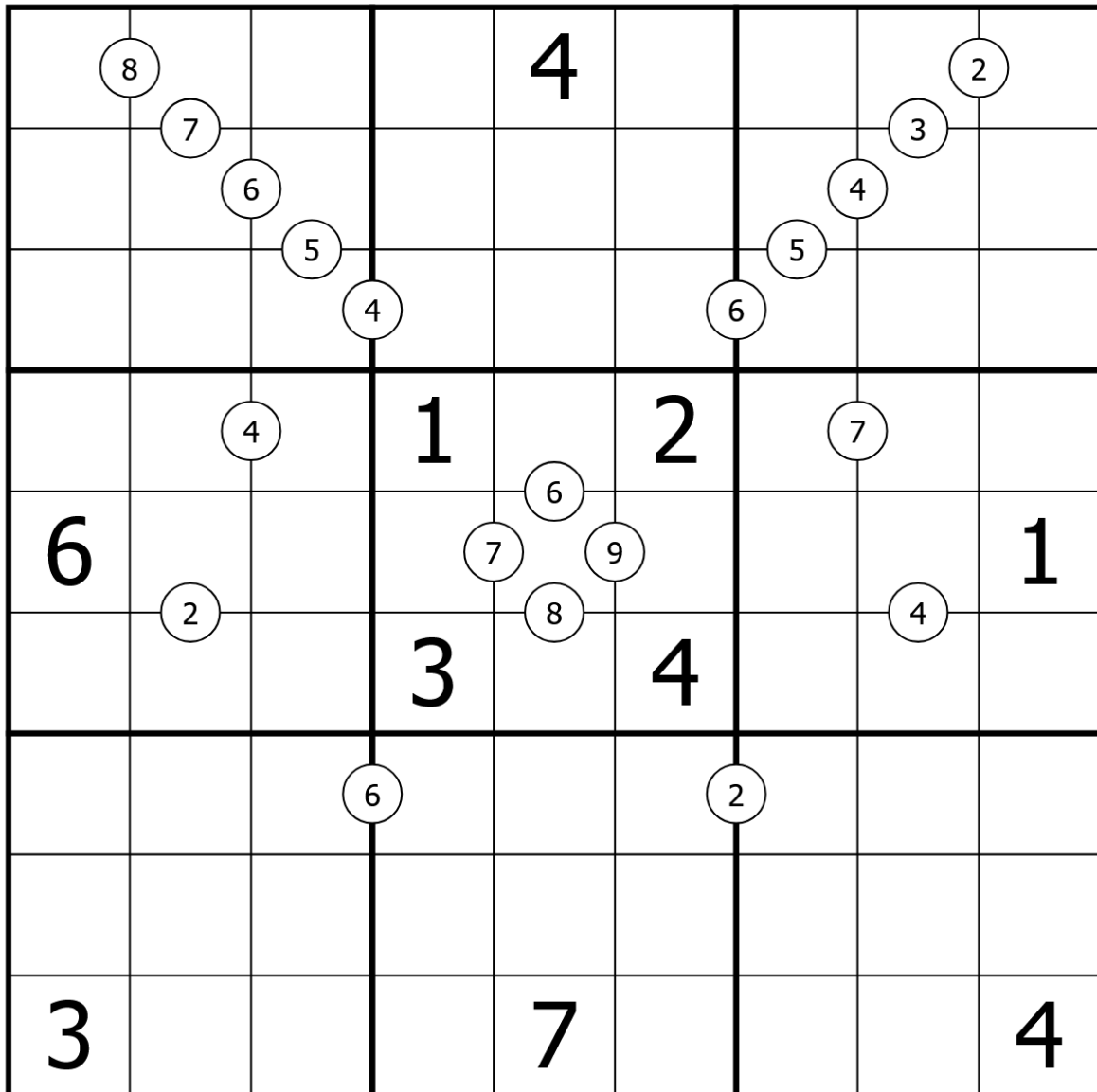
				3				
	4	2	6					7
	5		2					
8								
								9
					2		6	
7					3	4	5	
				8				

Normal sudoku rules apply. The “lemon shaped” digits sum to the two-digit number inside the lemon (read left to right). Through each line, every triplet of consecutive digits has exactly one high digit (789), medium digit (456) and low digit (123).

Note: it might be nice to color cages with high digit (789), medium digit (456) and low digit (123), one color per group.

Note: trickier than most of the others; hints available if you ask me!

Greater Sudoku by clover!



Normal sudoku rules apply. A value in a circle between two cells indicates the greater of the digits in those cells. For instance, if a circle between two cells has a 4, those cells can have a 1 and a 4, or a 4 and a 3 (among other possibilities).

Entropic lines by clover!

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

Normal sudoku rules apply. Through each line, every triplet of consecutive digits has exactly one high digit (789), medium digit (456) and low digit (123).

Note: it might be nice to color cages with high digit (789), medium digit (456) and low digit (123), one color per group.

Ultimaton by Philip

6	V		15	X		11		
10						X		
			13	X				
V	14			16	X	17		
	X					X		
		13	X				17	
		12	11	V				X
		X	15	X		7	V	

Normal sudoku rules apply. When there is an X between two cells, their digits sum to 10; when there is a V between two cells, their digits sum to 5. Digits in cages do not repeat and sum to the value in the upper right corner of the cage.

[Renban Sudoku by clover!](#)

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

Normal sudoku rules apply. Purple lines have a set of consecutive numbers in any order, like 354 or 987.

Egg by Philip

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

Normal sudoku rules apply. Digits in gray circles are odd

Note: it might be nice to color cages with odd digits and even digits with two different colors.

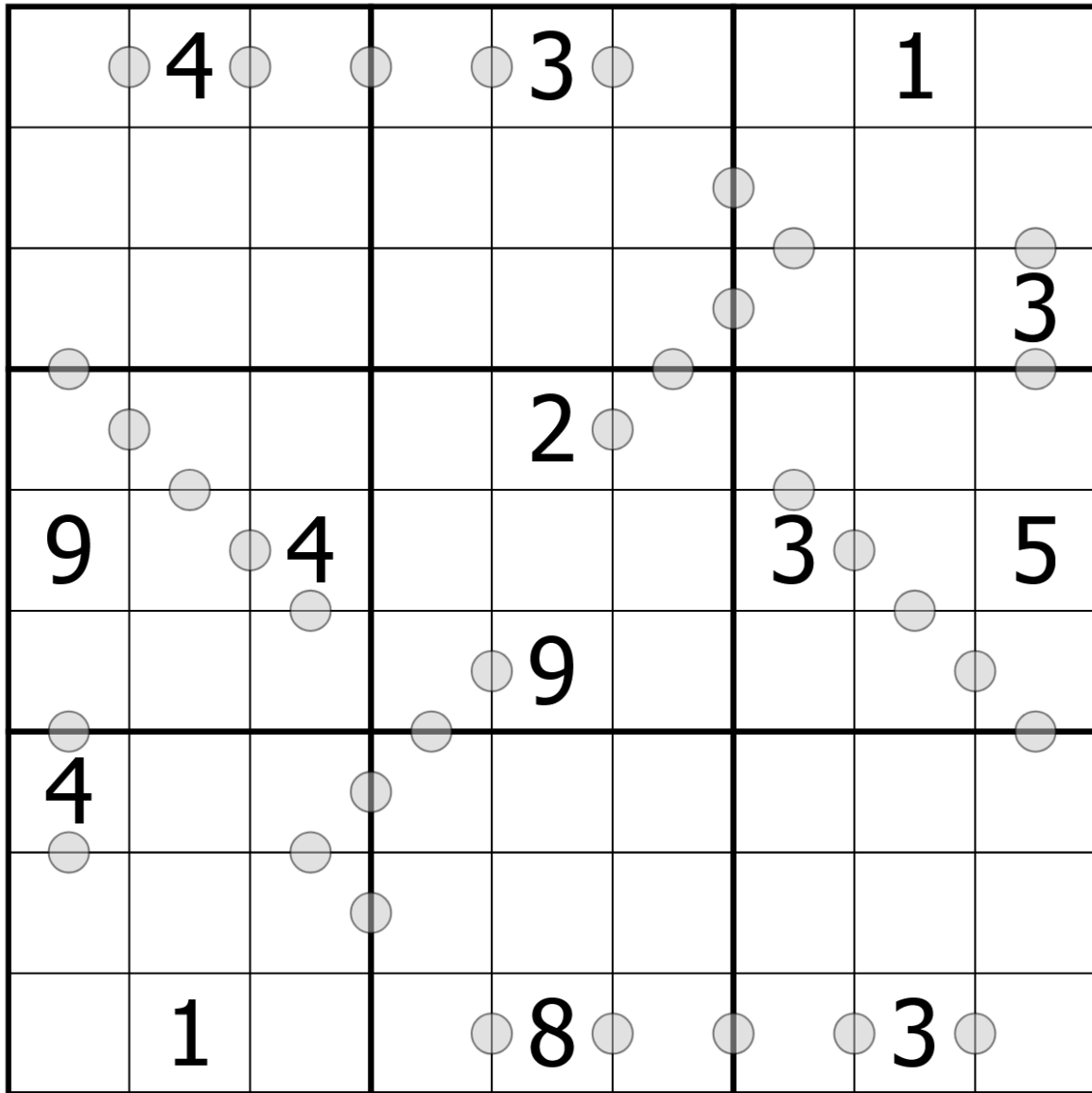
Diagonal Consecutive by clover!

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

Normal sudoku rules apply. Whenever a line passes through two cells they have consecutive numbers. Whenever two diagonally adjacent cells have consecutive numbers they are connected by such a line.

Note: it is very useful to think about all diagonals being given. For example, that means that in the diagonals near 5 we can't have 4 or 6, which limits the places where 4,6 can be.

Multiple Sudoku by clover!



Normal sudoku rules apply. A circle between cells indicates one of the digits is a multiple of the other (for example 1 and 7 or 3 and 6). There is no guarantee that all such circles are given.

X-23 by Philip

1					X			2
X					5			
						X		
				9				
	X		5					
								X
4				X				3

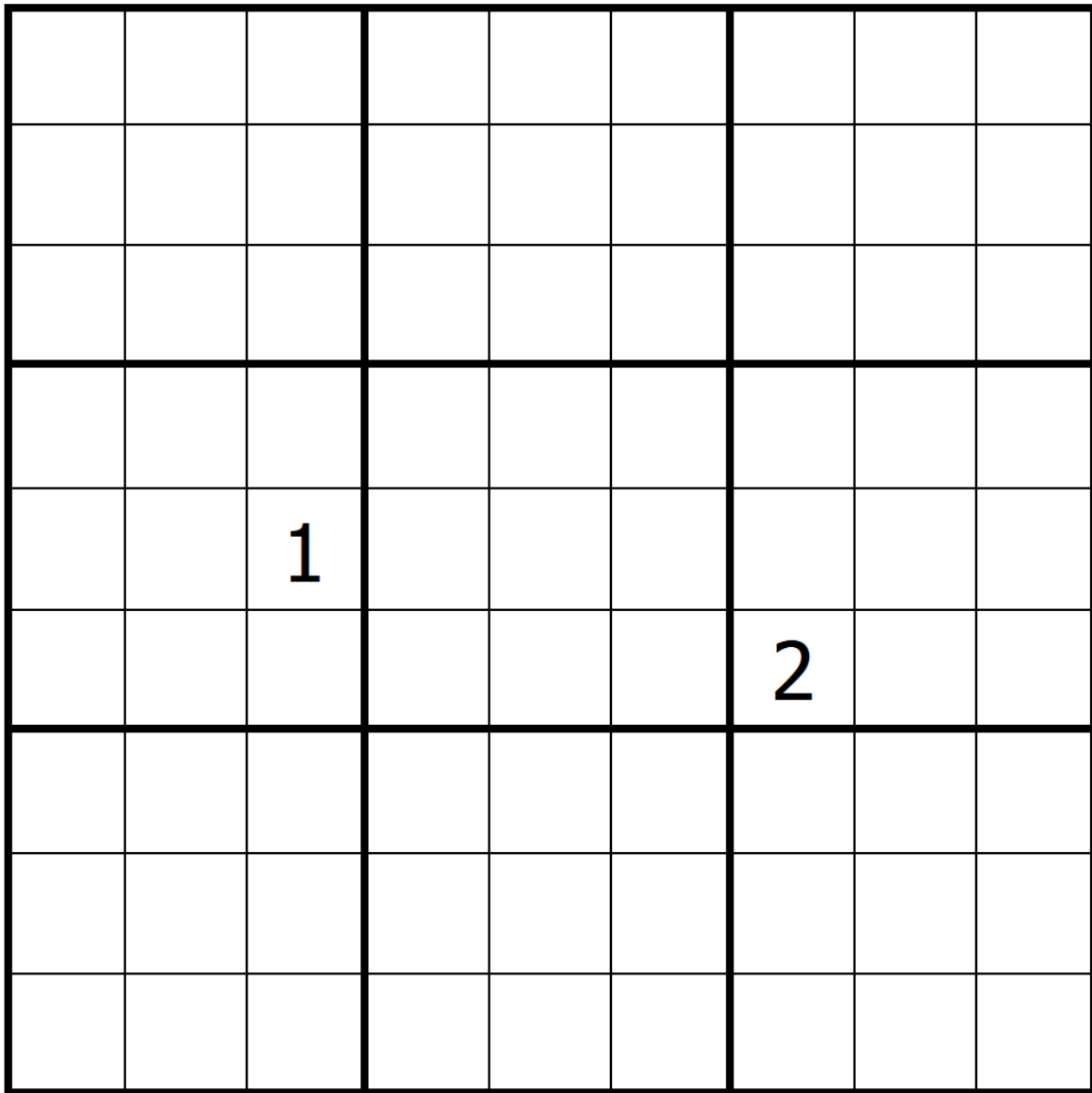
Normal sudoku rules apply. Regions with the same color contain the same digits, in the same order. Whenever there is an X between two cells, the corresponding digits sum to 10.

Irregular sudoku by Sam

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

Normal sudoku rules apply, but instead of 3x3 regions we have weirdly shaped regions.

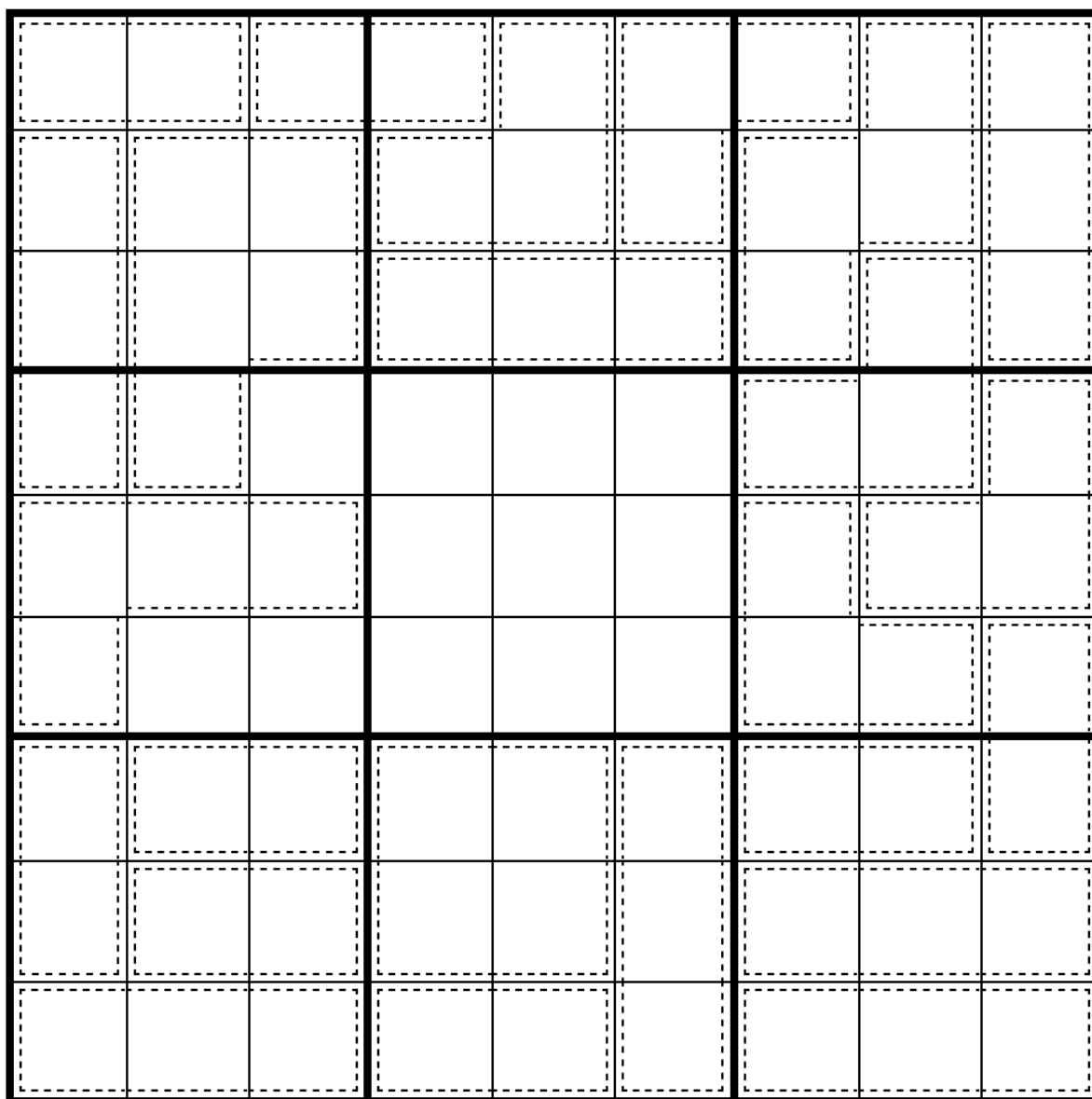
Challenge Sudoku 1 - The miracle sudoku (only two digits!)



Normal sudoku rules apply. Cells separated by a knight or king move (in chess) must have distinct digits. Orthogonally adjacent cells can not contain consecutive digits.

Note: This sudoku is harder than the non-challenge sudokus. It's fun, but it's normal if it takes much longer, and the way I solve it I need to mark up the sudoku many times, so I have printed extra copies of this one so you can mark it up as much as you want and then start without marks/colors. Ask if you need more!

Challenge 2 - Square Killer (no given digit!)



Normal sudoku rules apply. Digits in cages do not repeat and sum up to a perfect square you need to determine (there is no restriction on the perfect squares, they don't have to all be the same and there can be repeated squares).

Note: This sudoku is harder than the non-challenge sudokus. It's fun, but it's normal if it takes much longer.

Solutions:

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

Irregular sudoku by sam

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

X-23 by philip

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

Multiple sudoku by clover!

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

Diagonal consecutive by clover!

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

Egg by philip

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

Renban sudoku by clover!

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

Ultimaton by philip

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

Entropic lines by clover!

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

Greater sudoku by clover!

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

Peach lemon by clover!

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

Challenge 1

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

Challenge 2