Solution Pas à Pas Grille du 29/04/18 Niveau 17 – C 20

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	1 2 3 4 7 8	9	1 2 3 6	1 2 6	2 7	1 2 6	1 2 4	5	2 4 8
L2	1 2 7 8	1 2 6 7	1 2 6 8	4 7 9	2 5 	1 2 5 6 7	3 	1 8	2 8 9
L3	1 2 4 5	1 2	1 2 5	1 2 9	3	8	7	6	2 4
L4	 9	8	2 3 5	2 3 6 7	4	2 3 5 6 7	2 5	3	 1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	 8	2 5 7	9	2 5 6	4	2 3 5 6 7
L6	 6	2 3 7	4	2 3 7	1	2 3 5 7	2 5 8	9	2 3 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3 8	1 2 3 6	9	1 2 3 7	2 7 8	4	1 5 6 8	1 3 7 8	3 5 6 7 8
L9	1 3 8	5	1 3 6 8	1 3 7 9	1 3 7 8 9	1 3 7	1 4 6 8	2	4 4 6 7 8

4 placements

RG	1	4 4	C7	
RVB			7	L5C5
4	L3C1		3	L5C2
1	L2C8			
88	L78C8	8	L9C7	CONTRADICTION
289	L123C9			PAS DE L6C
8	L6C7			
3	L7C9		OK	
8	L7C8			
7	L8C8			
3	L4C8			
5	L5C1			
5	L2C5			
9	L3C4			
9	L9C5			
9	L2C9			
5	L3C3			
1	L3C2			
1	L5C3			
2	L4C3			
5	L4C7			
7	L6C9			
6	L5C9			
2	L5C7			

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	1 2 3 4 7 8	9	1 2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	2 4 8
L2	1 2 7 8	1 2 6 7	1 2 6 8	 4 	2 5 7 9	1 2 5 6 7	3	1 8	2 8 9
L3	1 2 4 5	1 2	1 2 5	1 2 9	3	8	7	6	2 4
L4	 9	8	2 3 5	2 3 6 7	4	2 3 5 6 7	2 5	3	 1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	 8	2 5 7	9	2 5 6	4	2 3 5 6 7
L6	 6	2 3 7	4	2 3 7	1	2 3 5 7	2 5 8	9	2 3 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3 8	1 2 3 6	9	1 2 3 7	2 7 8	4	1 5 6 8	1 3 7 8	3 5 6 7 8
L9	1 3 8	5	1 3 6 8	1 3 7 9	1 3 7 8 9	1 3 7	1 	4 2	3 6 7 8

RG	1	9 9		C4
RVB				
8	L8C5			
RVR				
5	L5C5			
5	L4C3			
2	L4C7			
4	L1C9			
4	L3C1			
CONTRADICTION				
PAS DE		5		B1
OK				

Solution Pas à Pas Grille du 29/04/18 Niveau 17 – C 20

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	~~1~~ 2 3 4 7 8	9	~~1~~ 2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	2 4 8
L2	~~1~~ 2 7 8	~~1~~ 2 6 7	~~1~~ 2 6 8	4	2 5 7	1 2 5 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3 5	2 3 6 7	4	2 3 5 6 7	2 5	3 7	1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 5 7	9	2 5 6	4	2 3 5 6 7
L6	6	2 3 7	4	2 3 7	1	2 3 5 7	2 5 8	9	2 3 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	1 2 3 6	9	1 2 3 7	8	4	1 5 6	1 3 7	3 5 6 7
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	3 6 7 8

~~1~~	L1C13	(111	L3C123	)
~~1~~	L2C123	(111	L3C123	)

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7 8	9	2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	2 4 8
L2	2 7 8	2 6 7	2 6 8	4	2 5 7	1 2 5 6 7	3	1	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3 5	2 3 6	4	2 3 5 6	2 5	3	1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 5 7	9	2 ~~5~~ 6	4	2 3 5 6 7
L6	6	2 3 7	4	2 3 7	1	2 3 5 7	2 5 8	9	2 3 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	~~1~~ 2 3 6	9	1 2 3 7	8	4	1 5 6	1 3	3 5 6
L9	1 3 8	5	1 3 8	1 3 7	9	1 3 7	4	2	3 6 7 8

RG	1	1	8	L2C8
RVR				
6	L5C7			
RVB				
8	L6C7			
5	L2C5			
267	L1C456			
4	L1C9			
2	L3C9			
1	L3C2	~~1~~	L8C2	
5	L3C3			
4	L1C3			
5	L5C1	~~5~~	L5C7	
1	L5C3			
7	L2C1			

Solution Pas à Pas Grille du 29/04/18 Niveau 17 – C 20

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7 8	9	2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	2 4 8
L2	2 7 8	2 6 7	2 6 8	4	2 5 7	1 2 5 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3 5	2 3 6 7	4	2 3 5 6 7	2 5	3	1 7
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 5 7	9	2 6	4	2 3 5 6 7
L6	6	2 3 7	4	2 3 7	1	2 3 5 7	2 5 8	9	2 3 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5 6	1 3 7	3 5 6 7
L9	1 3 8	5	1 3 8	1 3 7	9	1 3 7	4	2	3 6 7 8

RVC Appui à partir 6 L5C7

deviennent

RG 2 6 L5C7

RVV

5	L4C7
7	L5C5
2	L1C5
3	L5C2
2	L4C3
7	L6C2
2	L8C2
6	L2C2

CONTRADICTION

PAS DE L2C3

OK

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7 8	9	2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	2 4 8
L2	2 7 8	2 6 7	2 6 8	4	2 5 7	1 2 5 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3 5	2 ~~3~~ 6 7	4	2 ~~3~~ 5 6 7	2 5	3	1 7
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 5 7	9	6	4	2 3 5 7
L6	6	2 ~~3~~ 7	4	2 3 7	1	2 3 5 7	2 5 8	9	2 ~~3~~ 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5	1 3 7	3 5 6 7
L9	1 3 8	5	1 3 8	1 3 7	9	1 3 7	4	2	3 6 7 8

RG 1	1 8	L2C8
RVR		
6	L8C2	
6	L9C9	
7	L8C8	
3	L7C9	
3	L4C8	
RVB		
2	L4C7	
8	L6C7	
5	L2C5	
267	L1C456	
4	L1C9	
2	L3C9	
4	L3C1	
1	L3C2	
5	L3C3	
3	L4C3 ~~3~~	L4C46
~~3~~	L6C29 (33	L6C46)

Solution Pas à Pas Grille du 29/04/18 Niveau 17 – C 20

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7 8	9	2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	4 2 8
L2	2 7 8	2 6 7	2 6 8	4 7	2 5 7	1 2 5 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	4 2
L4	9	8	2 3 5	2 6 7	4	2 5 6 7	2 5	7	3 1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 5 7	9	6	4	2 3 5 7
L6	6	2	4	2 3 7	1	2 3 5 7	2 5 8	9	2 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5	1 3 7	3 5 6 7
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	3 6 7 8

EXTENSION RG

5	L5C9
3	L89C9

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7 8	9	2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2 8	5	2 4 8
L2	2 7 8	2 6 7	2 6 8	4 7	2 5 7	1 2 5 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3 5	2 6 7	4	2 5 6 7	2 5 7	3	1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 5 7	9	6	4	2 3
L6	6	2	4	2 3 7	1	2 3 5 7	2 5 8	9	2 5 7 8
L7	1 2 3 8	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5	1 3 7	5 6 7
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	6 7 8

EXTENSION RG

8	L7C1
8	L9C9
2	L1C9
8	L1C1
8	L1C7

VALIDATION 8 L6C7

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7	9	2 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2	5	4 8
L2	2 7 8	2 6 7	2 6 8	4	2 5 7	1 2 5 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3 ~~5~~	2 6 7	4	2 5 6 7	2 5	3 7	1
L5	1 2 3 5 7	1 2 3 7	1 2 3 5	8	2 ~~5~~ 7	9	6	4	2 3 7
L6	6	2 7	4	2 3 7	1	2 3 5 7	8	9	2 5 7
L7	1 2 3	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5	1 3 7	5 6 7
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	6 7

EXTENSION RG

~~5~~ L4C3

~~5~~ L5C5 (55 L5C13)

VALIDATION 5 L2C5

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	2 3 4 7	9	~~2~~ 3 6 8	1 2 6 7	2 7	1 2 6 7	1 2	5	4 8
L2	2 7 8	2 6 7	2 6 8	4	5	1 2 6 7	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3	~~2~~ 6 7	4	~~2~~ 5 6 7	2 5	3 7	1
L5	1 ~~2~~ 3 5 7	1 2 3 7	1 ~~2~~ 3 5	8	2 7	9	6	4	2 3 7
L6	6	2 7	4	2 3 7	1	2 3 5 7	8	9	2 5 7
L7	1 2 3	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5	1 3 7	5 6 7
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	6 7

EXTENSION RG

~~2~~ L1C3

~~2~~ L4C46

~~2~~ L5C13

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	~~2~~ 3 4 ~~7~~	9	3 6 8	1 2 6 7	2 7	1 2 6 7	1 2	5	4 8
L2	2 7 8	2 6 7	2 6 8	4	5	1 2 6 ~~7~~	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3	6	4	5 6	2 5	3	1
L5	1 3 5 7	1 2 3 7	1 3 5	8	2 7	9	6	4	2 3 7
L6	6	2 7	4	2 3 7	1	2 3 5 7	8	9	2 5 7
L7	1 2 3	4	7	5	6	1 2 3	9	1 3 8	3 8
L8	1 2 3	2 3 6	9	1 2 3 7	8	4	1 5	1 3 7	5 6 ~~7~~
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	6 7

RVB				
1	L3C2			
5	L3C3			
6	L4C4			
5	L4C6			
3	L1C1	~~27~~	L1C1	
~~7~~	L2C6	(777	L2C12	)
6	L9C3			
6	L8C9	~~7~~	L8C9	

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	3 4	9	3 ~~6~~ 8	1 2 6 7	2 7	1 2 6 7	1 2	5	4 8
L2	2 7 8	2 6 7	2 6 8	4	5	1 2 ~~6~~	3	1 8	9
L3	1 2 4 5	1 2	1 2 5	9	3	8	7	6	2 4
L4	9	8	2 3	6	4	5 6	2 5	3	1
L5	1 3 5 7	1 2 3 7	1 3 5	8	2 7	9	6	4	2 3 7
L6	6	2 7	4	2 3 7	1	2 3 5 7	8	9	2 5 7
L7	1 2 ~~3~~	4	7	5	6	1 2 ~~3~~	9	~~1~~ 3 8	3 8
L8	1 2 3	~~2~~ 3 6	9	1 2 3 7	8	4	1 5	1 ~~3~~ 7	5 6
L9	1 3 8	5	1 3 6 8	1 3 7	9	1 3 7	4	2	6 7

EXTENSION RG				
~~6~~	L1C3			
~~6~~	L2C6	(66	L1C46	)
RVB				
2	L2C3			
7	L2C1			
3	L8C2	~~2~~	L8C2	
		~~3~~	L8C8	
~~3~~	L7C16	(33	L7C89	)
12	L7C16	~~1~~	L7C8	

Solution Pas à Pas Grille du 29/04/18 Niveau 17 – C 20

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	4, 3	9	8, 3	1 2, 6, 7	2, 7	~~1~~ ~~2~~, 6, 7	1 2	5	4, 8
L2	~~2~~, 7 8	2, 6, 7	2, 6, 8	4	5	1 2	3	1, 8	9
L3	~~1~~ ~~2~~, 4 5	1 2	1 ~~2~~, 5	9	3	8	7	6	4, 2
L4	9	8	2 3	6	4	5 6	2, 5	3	1
L5	~~1~~, 5, 7	~~3~~ 1 2 3, 7	1 ~~3~~, 5	8	2	9	6	4	2 3, 7
L6	6	2, 7	4	2 3	1	~~2~~ 3, 5, 7	8	9	2, 5, 7
L7	1 2	4	7	5	6	1 2	9	3, 8	3, 8
L8	~~1~~ 2 3	3, 6	9	~~1~~ 2 3, 7	8	4	1, 5	1, 7	5 6
L9	1, 3, 8	5	~~1~~, 3, 6, 8	1, 3, 7	9	~~1~~, 3, 7	4	2	6, 7

EXTENSION RG

~~1~~	L8C14			
~~3~~	L5C13			
~~8~~	L2C3			
~~2~~	L3C3			
~~2~~	L23C1	(22	L78C1	)
~~1~~	L9C3	(15	L35C3	)
~~1~~	L35C1	(11	L79C1	)
~~12~~	L1C6	(12	L27C6	)
~~2~~	L6C6	(12	L27C6	)
~~1~~	L9C6	(12	L27C6	)

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	4, 3	9	8, 3	1 2, 6, 7	2, 7	7, 6	1 2	5	4, 8
L2	7 8	~~2~~, 7, 6	2, 6	4	5	1 2	3	1, 8	9
L3	4 5	1 2	1, 5	9	3	8	7	6	4, 2
L4	9	8	2 3	6	4	5 6	2, 5	3	1
L5	5, 7	~~1~~ 2 3, 7	1, 5	8	2	9	6	4	2 3, 7
L6	6	2, 7	4	2 3	1	3, 5, 7	8	9	2, 5, 7
L7	1 2	4	7	5	6	1 2	9	3, 8	3, 8
L8	2 3	3, 6	9	~~2~~ ~~3~~	8	4	1, 5	1, 7	5 6
L9	~~1~~, 3	5	~~3~~, 6, 8	1, 3, 7	9	3, 7	4	2	6, 7

EXTENSION RG

~~2~~	L2C2			
~~3~~	L8C4			
~~1~~	L5C2			
~~3~~	L9C13			
VALIDATION		1	L5C3	

	C1	C2	C3	C4	C5	C6	C7	C8	C9
L1	3	9	8	2	7	6	1	5	4
L2	7	6	2	4	5	1	3	8	9
L3	4	1	5	9	3	8	7	6	2
L4	9	8	3	6	4	5	2	7	1
L5	5	7	1	8	2	9	6	4	3
L6	6	2	4	3	1	7	8	9	5
L7	1	4	7	5	6	2	9	3	8
L8	2	3	9	7	8	4	5	1	6
L9	8	5	6	1	9	3	4	2	7