



WPF PUZZLE GP 2021 SOLUTION BOOKLET

1. Kuromasu (39 points)

1
2
3
4
5
6
7
8
9
0

1 2 3 4 5 6 7 8 9 0

2
4
3
2
3
6
3
2
1
3

2. Criss-Cross (42 points)

		4	6	2	7				6	0	2	2	1	
	2	6	3	8	1	4		2	7	1	8	2	4	
9	9	0		2	1		1	6	1	8	0		1	
1	9		3	5	2	4	7	3		3	7	7	4	
	7	5	1			6	0	7		3		6	0	2
9	9	1	4	7	3		2	7		1	4	7		
8		6	1	3	1		1	3	2		9	2	5	1
0	3	2	5		7	3	4		7	2	1		8	6
6	2			3	1	9		4	5	0	4	4	8	
6	1	8	4			8	1	5	6			7	1	0

2 → 1 2 8 6 3 1 3 1 4 7 2 9 7 0 6

3. Fillomino (14 points)

	3	2		4	3		1	3	
1			5			4			2
3			2			5			4
5	●	3	3	4		4	4	●	
	5		2		2	4	2		2
		●	●			●			
5			5	●	●	3			5
1			2			4	●		2
●	3	5		3	4		4	1	

3 → 1 1 5 2 4 1 4 3 5 4

4. Easy As (11 points)

{A,B,C,D}

	B	A	B		
A	A	D	C	B	
	C		A	B	D
4a → B		B	C	D	A
4b → B	B	D		A	C
A		A	B	C	D
	D	C	A	B	
D	A	D			B

5. Battleships (150 points)

5
6
1
0
2
7
0
6
0
1
7
2

2 2 1 2 2 0

3
1
2
3
1
2

6. Kuromasu (Product) (52 points)

6
3
1
2
3
1
7
3
5
4
1

1 2 3 4 5 6 7 8 9 0

8. Criss-Cross (TomTom) (33 points)

9	8	1	7	1	5	3		6	9	1	10	2	1	7	5	
12	5							2							12	6
1								1								1
6								7								2
1								2	7	1	2	1	8	7		1
4								3								3
7	3	1	5	1	8	6		3	5	1	3	1	8	0		
								8								
								1								
								4								
								6	15	3	1	3	1	2	4	

7. Kuromasu (Star Battle) (54 points)

7
2
5
1
3
1
3
8
4
2
4

1 2 3 4 5 6 7 8 9

9. Criss-Cross (Crowded) (71 points)

9
7
6
7
3
8
6
8
6
8
8
2

10. Fillomino (123) (38 points)

10
1
2
3
3
2
2
3
2
2
1

11. Fillomino (Futoshiki) (70 points)

11
2
3
5
2
4
1
2
3
2
3

13. Easy As (Loop) (61 points)

{A,B,C,D}

A

D	A	B				C	
C	B	D		A		A	
A	C			D	B		
			B	A	C	D	
			C	A	D	B	
			A	C	B		D
							D
			A	C	B		D
			D	C		A	B
B	D					C	A

A

13a
13b

12. Easy As (no 2x2) (54 points)

{A,B}

B

B			B		A				
			A						B
B					B			A	
			B		A				
B						B		A	
			B		A				
A								B	

A

12a
12b

14. Battleships (Different Fleet) (89 points)

15
1
1
3
7
2
0
3
7
2

14 17 2 4

1 2 3 4 5 6 7 8 9

15. Battleships (Index Sums) (21 points)

14
1
1
1
3
0
1
1
1
1
1
2
0
1
1
1
2
8

8 8 9