



WPF PUZZLE GP 2022 SOLUTION BOOKLET

1. Cave (34 points)

1a →

1b →

2. Skyscrapers (23 points)

2a →

2b →

3. Skyscrapers (Even/Odd) (35 points)

3a →

3b →

4. Skyscrapers (Cipher) (33 points)

A B C D E

4a →

4b →

5. Coral (22 points)

5a →

5b →

6. Coral (Ranges) (59 points)

6a →

6b →

7. Pentomino (Tapa) (27 points)

7a →

7b →

8. Pentomino (Battleship) (44 points)

8a →

8b →

9. Arrows (25 points)

9a →

9b →

10. Arrows (Cipher) (96 points)

1 3 4 5 2 8 7 6 0

10a →

	↘	↘	↓	↓	↙	↙		
→	1	3	4	5	3	1		↘
→	3	2	8	7	2	4		←
→	1	4	5	5	4	2		↘
→	4	4	5	6	5	4		←
↗	2	0	4	4	1	2		↘
↗	0	2	3	3	1	2		↖
	↗	↗	↑	↑	↖	↖		

10b →

11. Snake (40 points)

3 4 6 3 5 4 3 7 3 7

11a →

6										
4										
5										
2										
5										
2										
4										
6										
6										

11b →

12. Snake (Striped) (61 points)

2 2 1 2 2 3 1 3 4 2

12a →

3										
1										
5										
0										
3										
0										
3										
1										
4										
3										

12b →

13. Japanese Sums (50 points)

{1-7}

		3		7					
7	11	7	7	7	3		7	11	
3	7	11	3	11	11	11	9	11	
11	3	7	7	1	7	3	7	6	
7	7	7		2	5		4	3	
7	3	11	4	1	2		3		
2	7	11	2			7	6	5	
11	14	3	1	6	4		7	5	
14	7		5	6	3			4	
3	1	7	11	3		1	5	2	
7	7	3		7			6	1	
6	8	7	2	6		7	1		
8	7	11	5	3		6	1		

13a →

13b →

14. Japanese Sums (Cipher) (127 points)

1 0 3 9 5 8 5 2 7 4

{1-7}

13	9	5	8	10	6	5				
8	15	10	10	2	7	10	6	11		
4	9	4	13	3	13	5	16	12		
6	7	7	7	6	7		4	3		
14	14	7	5	2	×	6	1	3		
3	2	1	1	6		3		2		
8	8	8	1	7		3	5	×		
2	7	1	1	3		2	×	6		
13	13	5	1	3	4	×		6		
7	7	7	6	1		2	5			
6	7	6	6	4	2		7			
2	8			4	6	3	2	5		

14a →

14b →

15. Magnets (49 points)

+		4	3	2	2	4	4	3	2	5	4
-		4	3	3	3	3	3	3	3	3	5
4	4	+	-			+	-	+	-	+	-
4	5	-	+	-		-	+	-	+	-	+
2	3	+	-						-	+	-
3	3	-	+			-	+	-		+	
3	1	+					+	-			+
3	4	-				-	+		-	+	-
4	2	+				+	-	+			+
2	3								-	+	-
4	4					-	+	-	+		+
4	4	-	+	-	+	-	+			-	+

15 → X X X X X N P X N N

16. Magnets (Regions) (90 points)

+			2	3	3	3	4		2	3
-		3		3	3	3	1	4		4
1	4			-	+	-		-		-
3	1	-				+		+		+
4	2	+			+		-	+		-
2						-		+		-
3	5	-	+	-	+		-	+	-	-
3		+	-			-		-	+	+
4						+		-	+	-
2								-	+	
4		+		+	-	+			+	-
3		-	+	-	+	-		+	-	

16 → X X N N N P P N P X P