



# WPF PUZZLE GP 2017 SOLUTION BOOKLET

A1. Tapa (61 points)

1a →

1b →

A2. Magnets (174 points)

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

3 4 - + - + - + - + -  
6 3 + - + - + - + - +  
2 3 - + - + - + - + -  
2 4 - + - + - + - + -  
3 4 - + - + - + - + -  
4 3 + - + - + - + - +  
4 4 + - + - + - + - +  
4 2 + - + - + - + - +  
1 3 - + - + - + - + -  
3 3 + - + - + - + - +  
1 2 - + - + - + - + -  
5 3 + - + - + - + - +

2 → X P N N X P X X N X N X

A3. Nurikabe (85 points)

3a →

3b →

3c →

3d →

3e →

A4. Inequalities (102 points)

4 → 5 6 3 7 4 5 3 5 6 2 4

A5. Oases (104 points)

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



### B1-2. Tapa (60, 51 points)

**1a** →

**1b** →

**2a** →

**2b** →

### B3-4. Magnets (27, 124 points)

+		1	3			1	1
	-	3				2	
1	2	-	+			-	
3		+	-	+		+	
		-	+	-			
0	1			+			
3		-	+	-	+	-	+

**3** → (N) (N) (X) (X) (X) (X)

### B5-6. Nurikabe (36, 32 points)

**5a** →

**5b** →

**6a** →

**6b** →

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

**4** → (X) (N) (N) (N) (N) (P) (P) (X) (P) (N)

### B7-8. Inequalities (45, 134 points)

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

6	5	3	2	4	1	
4	3	2	1		5	6
6	1	3	4	5		2
2	5	1		6	3	4
1		4	2	3	6	5
5	4		6	1	2	3
3	2	6	5	4	1	

**7** → (1) (4) (2) (2) (4) (4) (5)

**8** → (5) (4) (3) (2) (4) (3) (4)

**9** →

### B9-10. Oases (30, 91 points)

**10** →



### C1-3. Pyramid Climbers (2, 27, 60 points)

### C4-6. Find the Differences (5, 6, 20 points)

**4**

N	Z	Z	N	Z	N	Z	N	N
Z	N	Z	N	N	Z	N	N	Z
Z	Z	N	N	N	N	Z	Z	N
N	Z	Z	Z	Z	Z	Z	Z	N
Z	N	Z	N	Z	N	Z	N	Z
N	Z	Z	N	N	Z	Z	N	Z
Z	Z	N	Z	Z	N	N	Z	N
Z	N	N	N	N	N	N	Z	Z
Z	Z	N	N	N	Z	Z	N	Z

**5**

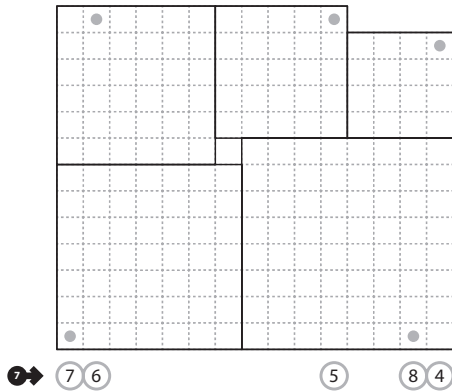
G	g	G	g	G	p	G	P	g
G	p	P	G	g	g	p	g	G
g	P	g	g	G	p	P	P	p
P	p	P	p	P	p	G	g	g
g	G	g	P	G	g	g	G	p
G	p	G	P	G	g	p	P	
P	g	G	p	g	G	g	p	g
P	G	g	P	G	g	P	G	p
G	p	G	G	p	G	P	p	G

**6**

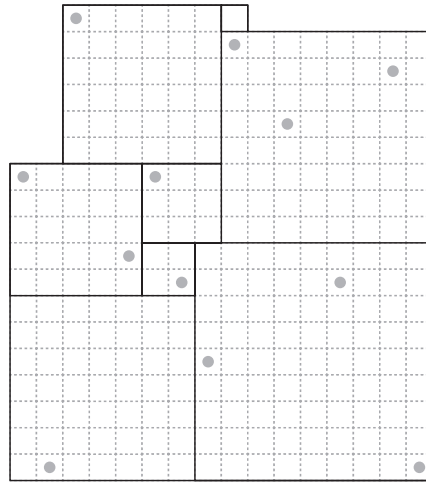
S	L	O	V	A	K	I	A	I	A	S	O	L	I	S	V	S	I	L
O	I	S	L	I	L	V	K	L	O	V	S	A	S	K	L	I	S	K
L	K	A	S	A	I	S	O	A	I	L	K	L	O	A	O	S	V	L
A	I	O	I	V	S	O	K	V	A	S	A	V	L	K	A	V	I	K
I	L	K	L	O	K	L	I	L	O	V	O	L	S	I	S	K	L	S
O	I	S	V	L	V	K	S	V	K	S	I	S	A	O	L	I	A	O
L	K	I	O	A	S	I	O	A	I	O	V	L	I	V	A	O	S	K
I	S	A	S	I	O	L	K	L	S	I	A	S	O	A	O	L	K	O
L	V	O	I	O	A	V	L	O	K	O	L	V	L	V	S	I	S	V
A	S	I	L	S	O	I	S	V	L	A	S	I	S	O	L	O	A	S
O	V	A	I	K	S	A	O	K	O	I	O	K	V	I	K	S	I	L
A	O	S	O	L	I	L	I	A	I	S	K	S	L	S	V	A	S	A
L	S	V	I	V	O	I	L	V	O	L	V	O	I	L	I	S	O	V
A	I	O	K	S	I	S	O	A	I	K	I	S	K	A	K	A	I	L
S	K	L	S	K	L	K	A	S	O	A	L	V	O	V	O	L	S	O
I	O	S	A	V	I	S	I	V	L	I	O	I	S	K	L	I	O	S
O	L	V	O	S	O	V	L	A	S	V	S	L	V	A	O	S	V	I
S	K	S	I	L	K	S	A	O	I	O	I	K	L	S	I	A	L	S
V	L	O	L	S	A	L	O	S	L	K	S	L	O	V	A	K	I	A



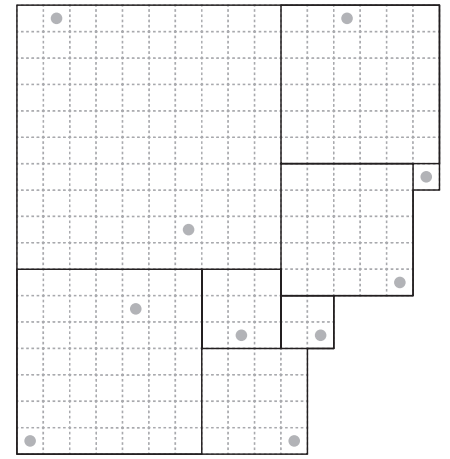
### C7-9. Square Division (8, 9, 9 points)



7 → 7 6                      5                      8 4

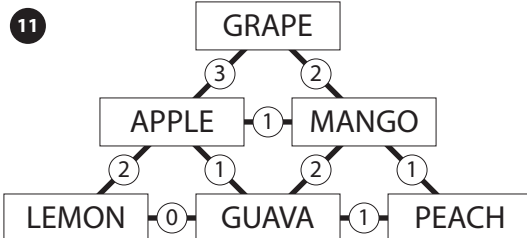
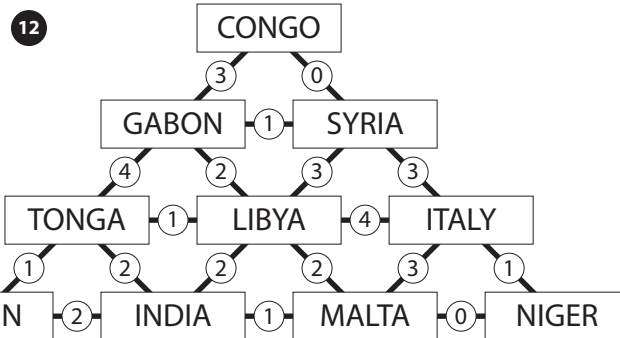
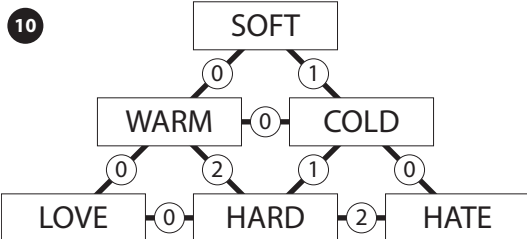


8 → 5 7 6    5 3 2 5 8    8    9    8 9

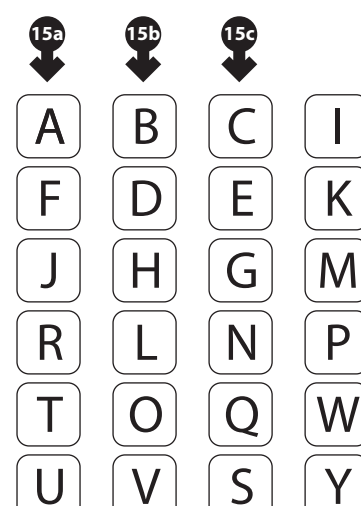
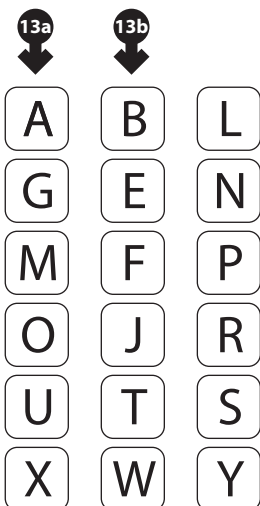


9 → 7 0    7    0    3    4 2 6    5 1

### C10-12. Common Letters (10, 22, 41 points)



### C13-15. Alphabet Blocks (7, 17, 14 points)





**C16-18. Star Gaps (13, 24, 35 points)**

**16**

						★		★	
	★		★						
				★		★			
★		★							
			★		★				
	★							★	
			★		★				
★								★	
		★		★					

3 3 4 4 3 3 3 4 4

**17**

			★				★		
	★				★				
			★					★	
	★					★			
			★					★	
★				★		★			
		★		★					
★							★		
		★			★				

1 6

**C19-21. Pillboxes (24, 22, 45 points)**

23 17 4 11 12 11 6

		9		7				2	
18									
2		8			5				
13				3					
16		6						4	
13				1					
11									
1									

19 → 6 8 0 0 3 7 4 0

18

					★			★	
		★					★		
★			★		★			★	
	★			★		★			
★			★				★		★
		★			★				
	★			★			★		★
			★					★	

4 6 1 7 7

20

5						5			
13			8						
15	4							3	
8				1					
8		7							
13				6					
17		2						9	
11									

0 4 0 7 1 5 0 9

21

10		9				1			
4			4						
11				7					
16	6						3		
17									
15			8				5	2	

0 4 9 7 0 1 0 2