

# WPF PUZZLE GP 2016 COMPETITION BOOKLET

**Host Country: Netherlands**

**Bram de Laat**

**Special Notes:** You may use scissors for this round; they may be useful for the Casual Section. Pages 5 and 6 of the Casual Section are in landscape mode, and cover the same puzzle.

## 1-5. Fill in the Blank (18, 10, 10, 44, 33 points)

Determine what should replace the "?" symbol to make the most sensible pattern.

*Note: The first four puzzles may require some knowledge of English and/or trivia facts.*

**Answer:** What replaces the "?" symbol. Individual puzzles may have more instructions on how to submit your answer.

- 1 This sequence has only seven letters.

D, E, W, N, E, O, ?

- 2 This sequence has only twelve numbers.  
Answer all three missing numbers, without any spaces between them.

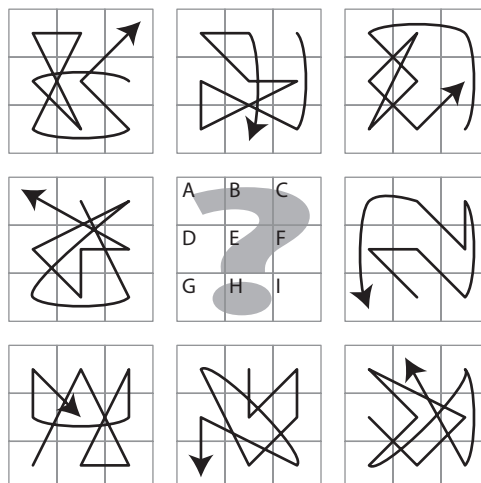
7, 8, 5, 5, 3, 4, 4, 6, 9, ?, ?, ?

- 3
- |         |   |   |
|---------|---|---|
| HAD     | } | ? |
| HUNGRY  |   |   |
| PAIN    |   |   |
| SURNAME |   |   |
| TOGA    |   |   |
| MAN     |   |   |

- 4 The answer is an 8-letter English word.

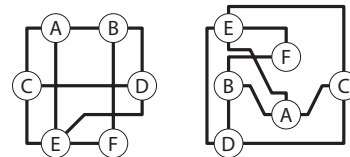
JAKZBEQG	ZBYCTQED	YUPCANDE
WIKTYJAG	?	QUMRANLP
KWHILSTX	UFOHELIX	FAVORXML

- 5 Answer key: enter the 9 letters in the order the arrow goes through.



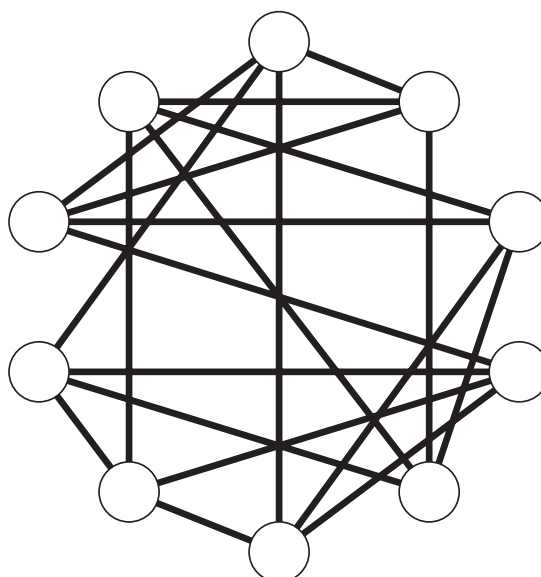
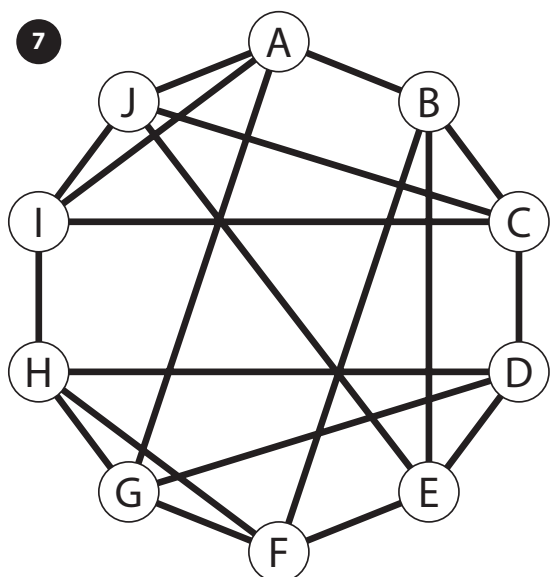
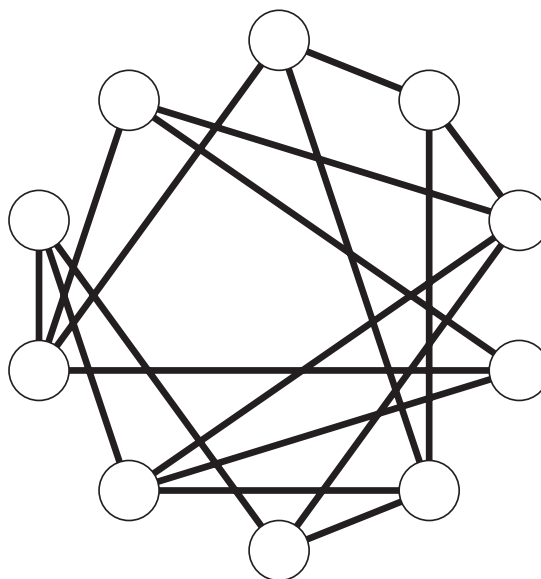
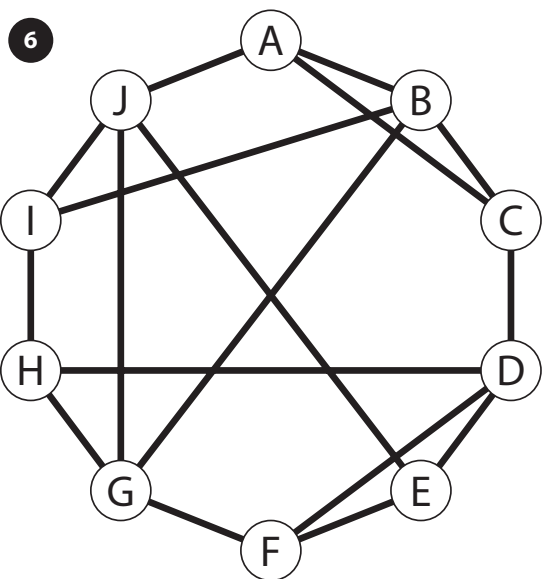
**6-7. Elastic Bands (20, 34 points)**

Fill in each circle with a letter so that the two networks are identical; that is, if two letters have a line connecting them in one network, then those two letters have a line connecting them in the other network, and vice versa.



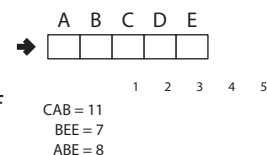
**Answer:** Enter all the letters in the second network, from top to bottom. If two letters are at the same height, enter them from left to right.

**Example Answer:** EFBCAD



### 8-9. Letter Weights (51, 32 points)

Write a number under each letter (in each cell) so that the numbers corresponding to the letters in each given word have the given sum. Different letters must have different numbers. The list of allowed numbers is given in a row underneath the cells.



**Answer:** Enter the contents of the cells, from left to right. Enter all digits for multi-digit numbers (for example, if the cell contents were 12, then 5, then 25, enter 12525).

**Example Answer:** 25431

# C H A M P I O N S

[illegible]

1      2      3      4      5      6      7      8      9

CASINO = 31

CHIP = 20

ICON = 17

MASH = 22

PAIN = 21

A D E H L N R S T

9								
---	--	--	--	--	--	--	--	--

1      2      3      4      5      6      7      8      9

NETHERLANDS = 50

STRANDED = 40

TENTS = 30

EARTH = 20

SEA = 10

**10-11. Alphabet Blocks (30, 38 points)**

There are multiple cubes, each of which has six faces. Each face is labeled with a letter. No letter appears more than once. For each of the words in the list, it is possible to spell the word using all the cubes, one cube for each letter in the word. Determine which letters are on which cube. Ignore rotations of the letters (for example, you may not use the same face for "M" and "W").

**Answer:** Alphabetically sort the letters of the six letters on each cube, then sort the cubes by their first letter. (The order of the alphabet is ABCDEFGHIJKLMNOPQRSTUVWXYZ.) Enter the faces of each cube.

**Example Answer:** AMNOSX, CDFHTW, EGIPRU

↓	↓	↓
A	C	E
M	D	G
N	F	I
O	H	P
S	T	R
X	W	U

	10a	10b	10c	10d
BLOW	A			
QUIT				
DUEL				
REST				
FILM				
SPIN				
GROW				
STAR				
JACK				
VEIL				
MUCH				
VERY				
PORT				
WINK				

	11a	11b	11c	11d
BALK	A			
MINT				
BUSH				
NERD				
CANS				
POET				
FUNK				
TAXI				
GRIP				
TURN				
JOYS				
VOLT				
LAZY				

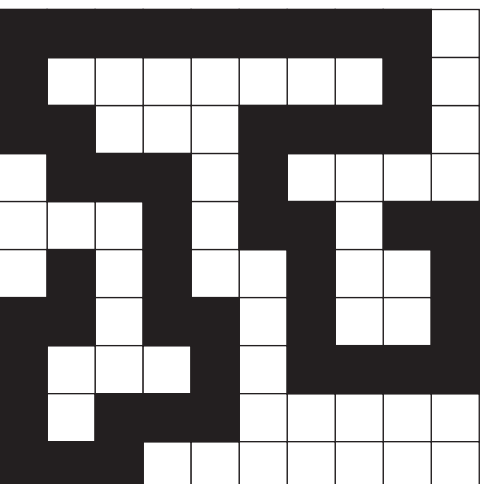
## 12. Stacked (26 points)

You are given several grids separated by type. Separate the grids into three equally-sized sets so that each set contains one grid of each type and that when all grids in a set are overlaid (without any rotation or reflection), each cell is blackened in at least once.

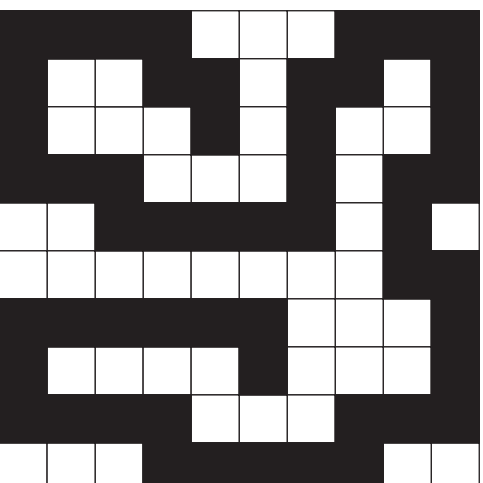
**Answer:** Enter the letters corresponding to the grids in each set, in alphabetical order. (Include the letter of the first grid.)

**Example Answer:**  
AET, BFH, CDG

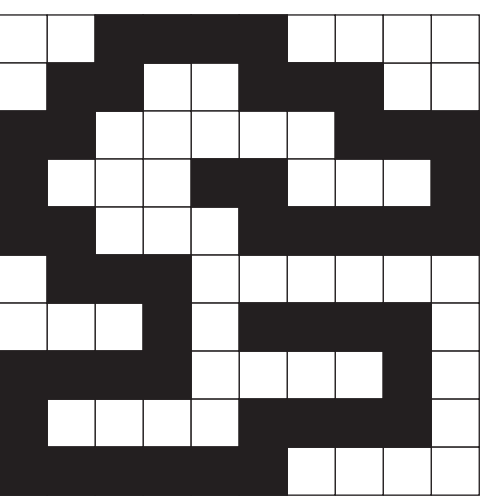
**12a** A: Snake



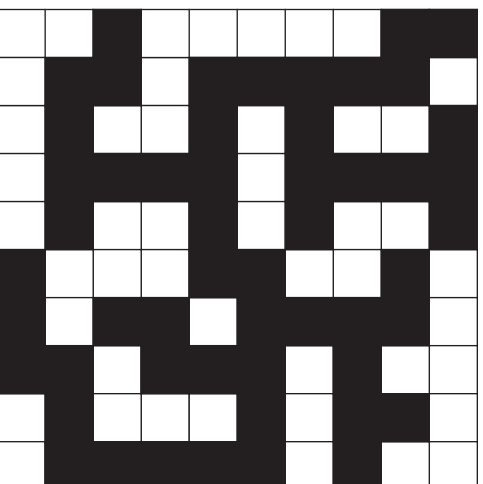
**12b** B: Snake



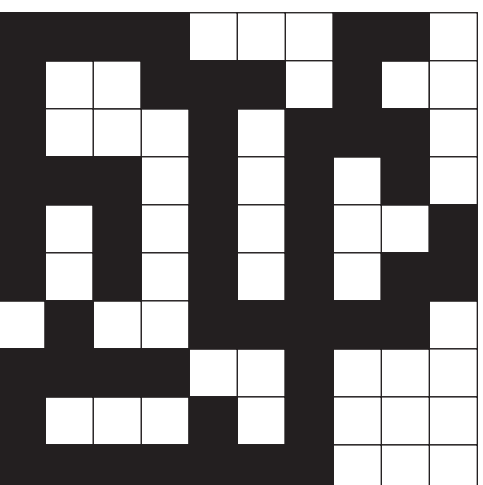
**12c** C: Snake



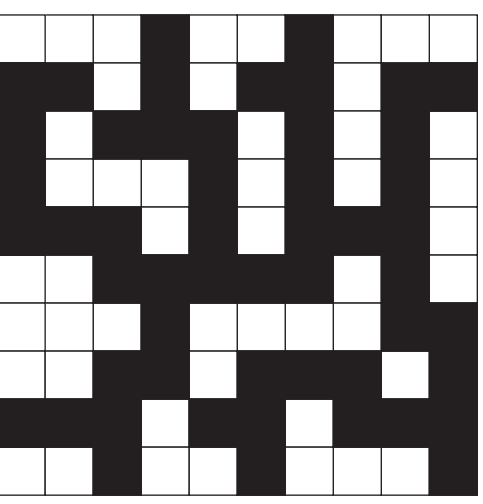
D: Nurikabe



E: Nurikabe

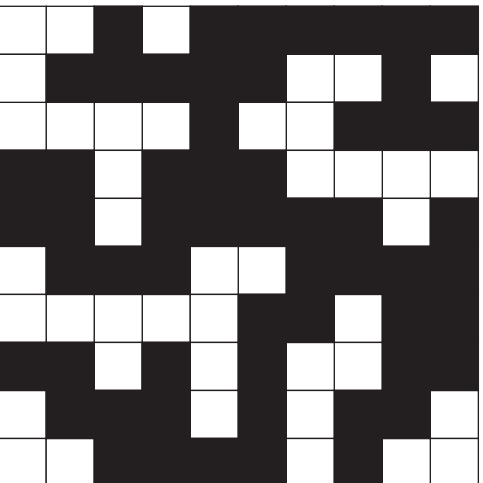


F: Nurikabe

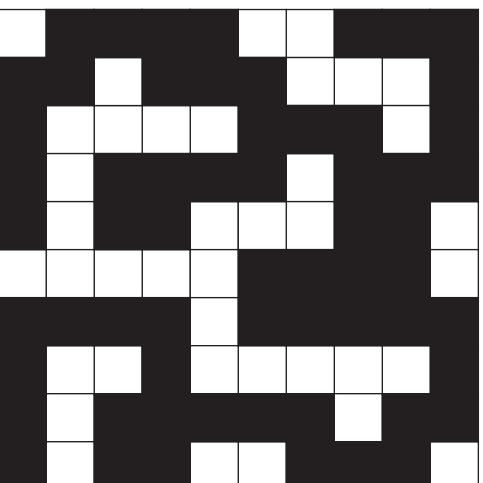


## 12. Stacked [continued]

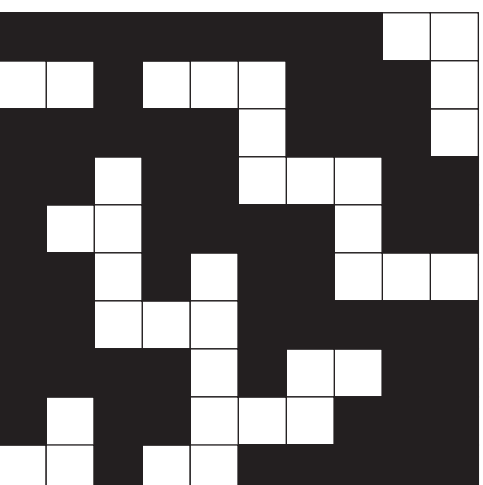
G: Cave



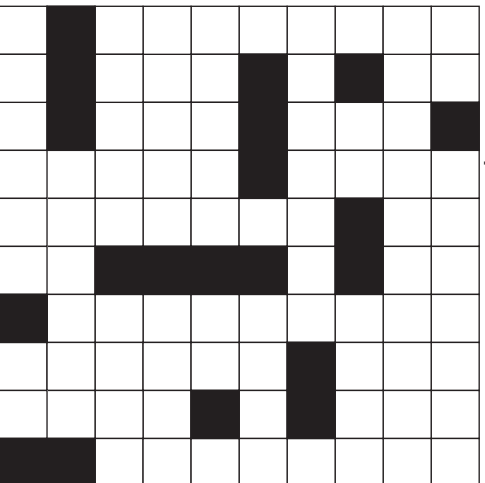
H: Cave



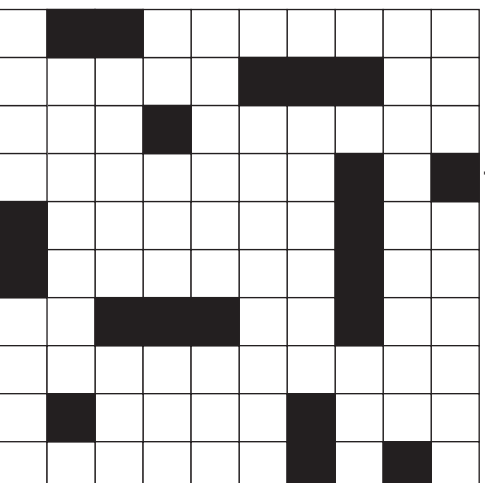
I: Cave



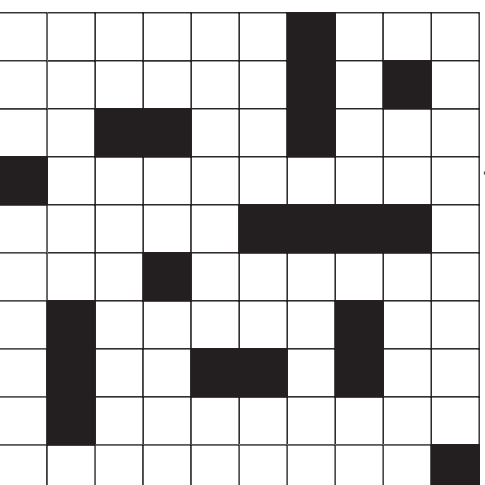
## J: Battleships



## K: Battleships



## L: Battleships





### 13-14. Build a Criss-cross (25, 22 points)

Place the pieces to form a crisscross pattern. Cells that touch on an edge must be part of the same word. Each word reads left-to-right or top-to-bottom, and fits the provided category. The list of words is not given.

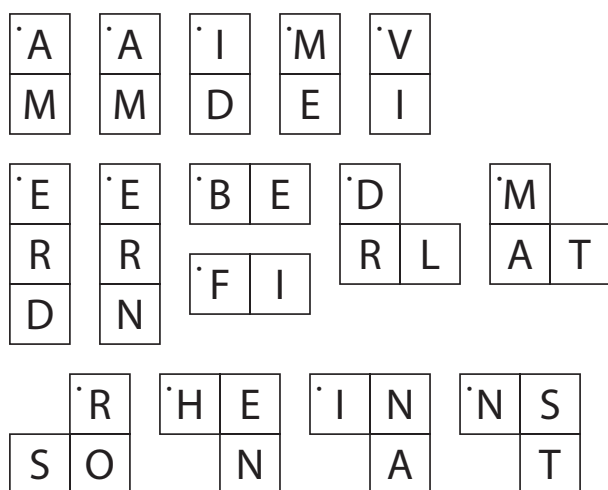
*There is a dot on the top-most letter on each piece, and is it for Answer purposes only. A lined grid will be provided for your convenience.*



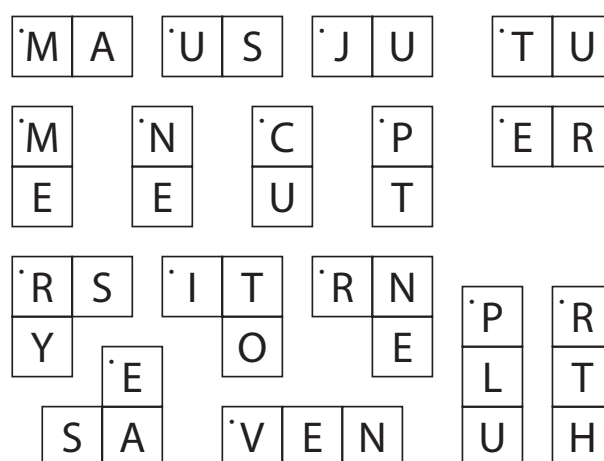
**Answer:** Enter the dotted letters in the top row from left to right, then the dotted letters in the second row from left to right, and so on.

**Example Answer:** STTRTVE

#### 13 Category: Capitals



#### 14 Category: In Orbit




**15-18. Build a Word Search (33, 33, 54, 54 points)**

Place the grids together to make a large square grid, then locate six words in the grid that fit the provided category. Words always appear in a straight line in one of the eight standard directions. The list of words is not given. There are two solutions; you will receive credit for each one separately.

The example has four words per grid instead of six. A lined grid will be provided for your convenience.

**Answer:** Enter the first two letters of each word in the grid, with the words in alphabetical order. (The order of the alphabet is ABCDEFGHIJKLMNOPQRSTUVWXYZ.)

**Example Answer 1:** ASCRHOSO

**Example Answer 2:** CODOPIRA

W	E	T	A
O	H	S	D
R	S	O	I
C	P	W	G

ASS  
CROV  
HOG  
SOW

T	A	R	S
S	D	C	P
W	E	O	I
O	H	W	G

COW  
DOG  
PIG  
RAT

**17 18 Category: Puzzle Types**
**15 16 Category: Countries**

A	D	P	B
B	I	A	U
C	O	N	C
L	E	B	E

T	E	N	O
C	A	D	L
A	N	I	H
A	Z	A	S

I	C	A	P
G	L	A	Y
O	R	J	N
R	E	A	A

A	R	K	M
F	S	E	R
O	T	B	E
M	U	I	G

O	N	I
E	I	U
S	L	S

L	I	F
E	R	E
E	N	K

U	V	A
Z	P	W
A	C	A

M	O	L
R	M	E
R	A	D

D	I	F
U	Y	S
E	N	L

R	Y	F
D	E	U
O	S	K

M	I	T
I	H	K
N	O	K

Y	I	G
U	J	N
N	A	K

O	B	Y
A	M	E
E	M	H

