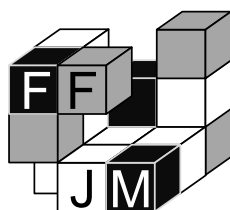


Part I

Name

WPC French Qualification 2004

Star Battle	10 points
Take Circles	10 points
Crack it On	10 points
Overlay	10 points
Snake Path	15 points
Domino Hunt	15 points
Eminent Domain	15 points
Zones	15 points
Word Search	15 points
Paint it Black	15 points
Easy as ABC	20 points
Japanese Sums	25 points
Paint it Black II	25 points

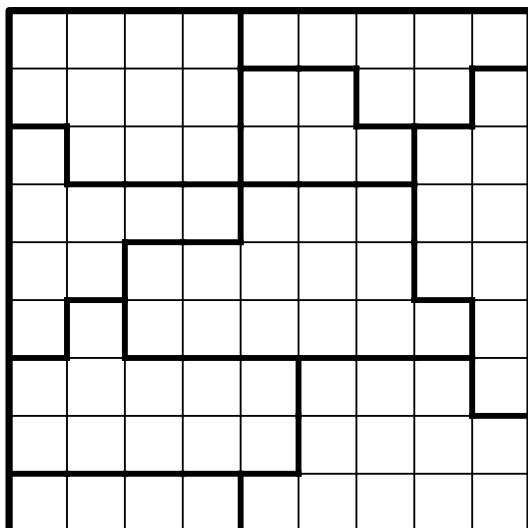


Part I

1. Star Battle

10 points

Place two stars, the size of one square, in each column, each row, and each black-edged region of the grid. The stars do not touch each other, not even diagonally.

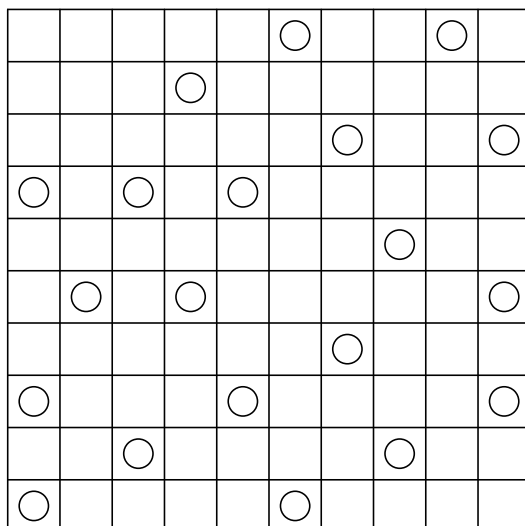


Part I

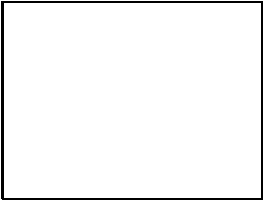
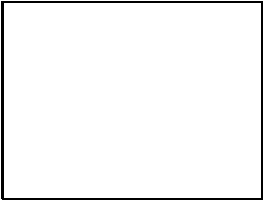
2. Take Circles

10 points

Find a path from the upper left corner to the lower right corner that passes through every circle exactly once. The path may not touch itself, not even diagonally.



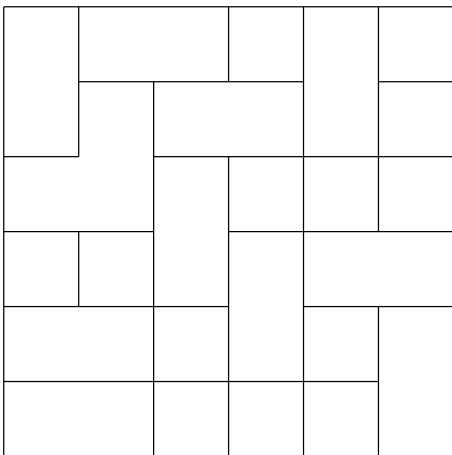
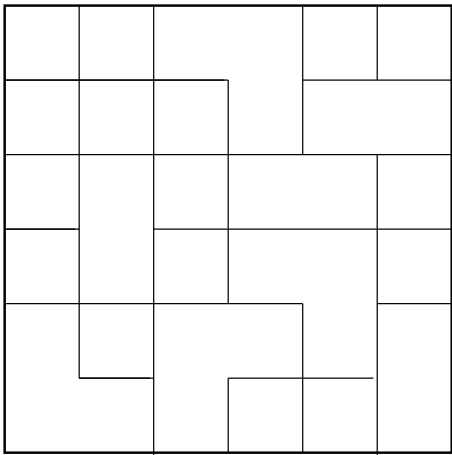
Part I



3. Crack it On

10 points

Enter all the given words into the two grids in such a way that each area contains exactly one letter. The words should read across and down in every row and column of each grid.



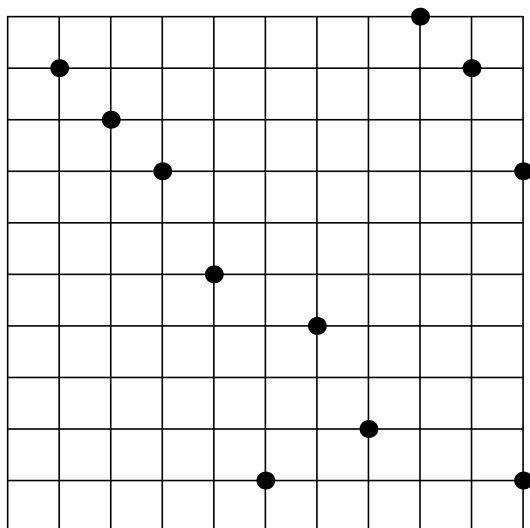
- | | | | | | |
|-------|-------|-------|-------|-------|-------|
| ATONI | EFOPR | FUDRO | ORUEN | RANAS | TRESO |
| BAIPO | ENARE | FUTOR | OTPIV | RIFAN | UCERB |
| CETAT | FEFEA | ITPAP | OUERO | STAFO | UFAIT |
| DEPFE | FOSOO | OCEAN | OVONN | TARAO | UPACU |

Part I

4. Overlay

10 points

Draw squares with sides at least two units long, using the grid lines so that two different squares do not have any corner, side, or segment in common. Each given point marks a corner of a different square.

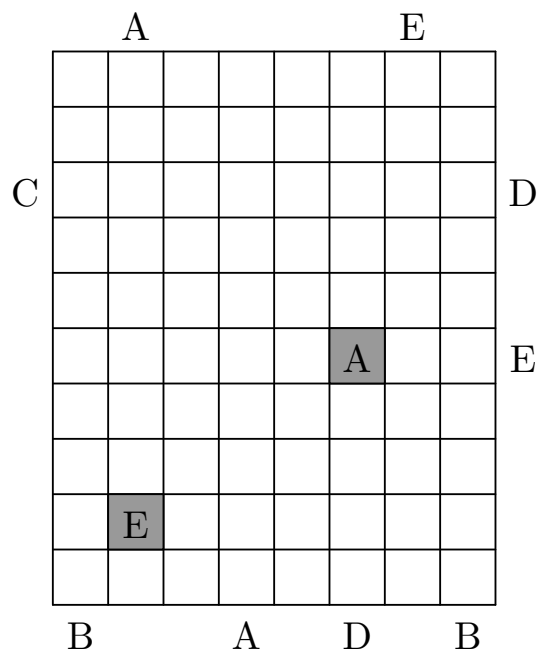


Part I

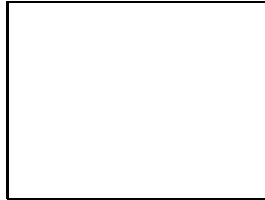
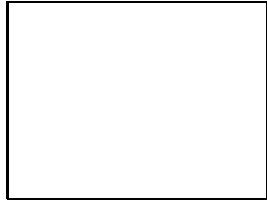
5. Snake Path

15 points

There is a snake in the grid, that goes horizontally or vertically, never touching itself even diagonally, with the head in A and the tail in E. Find the snake, knowing that its body is formed by consecutive sequences of the letters A, B, C, D, E, A, B, C, ..., E. The clues outside the grid indicate which letter appear first from that direction.



Part I



6. Domino Hunt

15 points

A complete domino set (28 dominos from 0-0 to 6-6) has been placed in the grid. The sides of the dominoes have been erased and the spots have been replaced by numbers. Draw the edges of the dominoes in the grid.

<u>0</u>		<u>6</u>		<u>5</u>		<u>4</u>		<u>2</u>		<u>0</u>		<u>5</u>		<u>4</u>
<u>3</u>		<u>0</u>		<u>1</u>		<u>6</u>		<u>0</u>		<u>0</u>		<u>6</u>		<u>1</u>
<u>3</u>		<u>5</u>		<u>5</u>		<u>0</u>		<u>2</u>		<u>6</u>		<u>2</u>		<u>1</u>
<u>3</u>		<u>1</u>		<u>4</u>		<u>6</u>		<u>3</u>		<u>6</u>		<u>1</u>		<u>3</u>
<u>0</u>		<u>3</u>		<u>1</u>		<u>3</u>		<u>5</u>		<u>4</u>		<u>6</u>		<u>4</u>
<u>2</u>		<u>4</u>		<u>1</u>		<u>2</u>		<u>2</u>		<u>0</u>		<u>1</u>		<u>5</u>
<u>6</u>		<u>3</u>		<u>4</u>		<u>4</u>		<u>2</u>		<u>5</u>		<u>2</u>		<u>5</u>

						6 6
					5 5	5 6
				4 4	4 5	4 6
			3 3	3 4	3 5	3 6
		2 2	2 3	2 4	2 5	2 6
	1 1	1 2	1 3	1 4	1 5	1 6
0 0	0 1	0 2	0 3	0 4	0 5	0 6

Part I

8. Zones

15 points

From each digit, draw a single continuous line, moving horizontally or vertically, having the length given by that number (the number itself is not counted). The lines cannot intersect each other or themselves and do not pass through the other digits. Every square in the grid is used exactly once.

	7								
				3			1		
6			2	5	6				
						5	6		3
2				8			3		
		3						2	
	1				5				
			6						
				3			3		

Part I

9. Word Search

15 points

Fill all squares of the grid with a letter so that all the given words appear exactly once in crossword style (left to right or top to bottom), separated by black squares. These squares are obtained by blackening some As. Two black squares can touch only diagonally. All As have already been placed into the grid for you.

			A				A	
A		A	A			A		A
	A		A				A	
		A		A		A		A
	A			A	A			
A					A	A		
	A		A	A			A	
		A	A		A			A
	A	A				A	A	
A			A	A			A	
A					A	A		A
	A		A		A		A	
		A		A		A		
A							A	
	A			A				A

Two-letter words:

BE, KN, MO, OD, RZ, YN.

Three-letter words:

ADA, AKA, NAD, NAS, NTB, TAM, TOG, VCS.

Four-letter words:

ABBA, ABOD, ADAT, AMIL, ARIL, IPAR, LOTZ, NYAL, OSZT, OTAR, TARA.

Five-letter words:

ADIK, AKALI, ALAIN, ALAKI, ALKAR, CSAPA, NADIA, NATAN, VADAS, ZVAR.

Six-letter words:

AKARAT, APOLKA, BLANKA, KIAPAD.

Seven-letter words:

FAPADOS, KRASZNA, TALABOR.

Eight-letter words:

APARTMAN, ODATAPAD.

Nine-letter words:

AKKORIBAN, KOFAVONAT, LANGALET, TAPASZTAL.

Ten-letter words:

KATONANOTA.

Part I

10. Paint it Black

15 points

The numbers inside the grid show how many of the nine adjacent squares (the one with the number and its eight neighbours) should be colored.

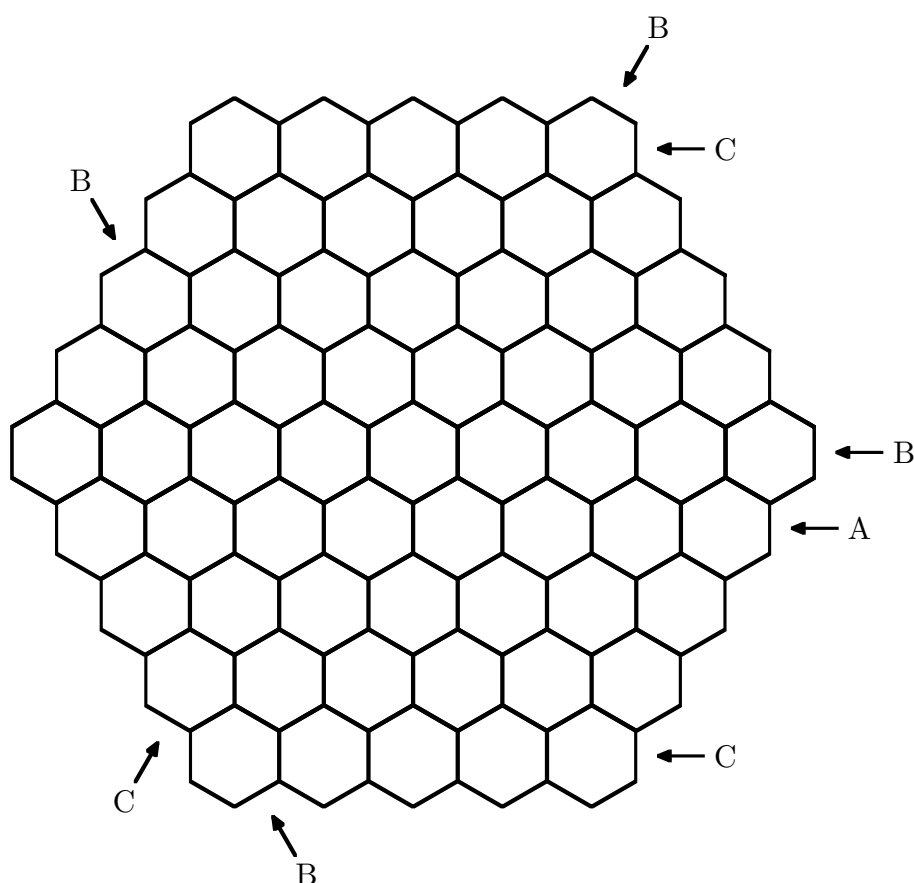
			6			3	3			3			6	
	9		7									6	7	5
6		6				3		3		3				3
5		4		3			5			5		3		
			3			5	5			5			3	
				4	5			9	9		6			3
4		5		6	8	9				9		5		3
5	8	7	8	8	9			9			9			
	8	7	6	7	8		9	8		8				5
5	6				6					6				
4					5						7	9		6
2		1		1			6		1	4		8		5
			4			6	6				3			
0		2		2		6	6		2					
	2	2	4	2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

Part I

11. Easy as ABC

20 points

Place the letters A, B, and C in the hexagonal grid so that in every horizontal line and in all of 18 diagonals, each letter should appear exactly once. The letters outside the grid indicate the first letter seen from that direction.



Part I

12. Japanese Sums

25 points

Place digits 1-8 in the grid, only different digits in each row and column. The numbers outside the grid indicate the sum of the digits filled in consecutively, in the order in which they occur. Two different sums must be separated by at least one empty square.

								4	9	6
								20	3	
								9	21	
								2	7	
								5	25	
								2	15	
								12	8	5
								18	3	1
18	3	8	10	1	8	3	9			
17	12	7	3	7	8	15	23			
		6	2	4	9					
				2						

Part I



13. Paint it Black II

25 points

The numbers outside the grid indicate the sizes of all maximal blocks of consecutive black squares in the corresponding rows or columns, in the order in which they occur. Rebuild the picture.

[illegible]