

Hochhäuser in Rio – 1/2

		1		I		R		
		I	R	O	2	1	3	O
3	1	I	2	3	O	R		
O	2	O	R	1	3	I		1
	R	3	1	I	2	O		
	3	1	I	O	R	2		R
	O	2	3	R	I	1		
	O							3

Optimale Familie – 1/3

EDELGARD	EDMUND		C	I	D	M	U	N
ELFRIEDE	FREDERIK		H	G	R	T	D	
GRETEL	HANNSPETER		W	A	L	E	R	
HANS	HARTMUT		E	N	P	F	I	
ILONA	ILSE		I	N	S	L	K	
PETER	RICHARD		B	A	O	E		
SABINE	WALTER							

Die oben stehende Musterlösung ergäbe 98 Punkte, zusammengesetzt aus 14 x 3 (Vornamen), 19 x 2 (Freifelder) und 18 x 1 (Freifelder in sich nicht überschneidenden 6er-Reihen)

Kreuzprodukträtsel – 2/1

waagrecht senkrecht	24	15		720	8	72		30	12	5	720	24
<u>20</u>	4	5	$\frac{36}{4}$	6	2	3	$\frac{360}{3}$	3	6	5	4	1
<u>720</u>	2	3	1	5	4	6	$\frac{240}{48}$	5	2	1	6	4
<u>24</u>	3	1	4	2	$\frac{8}{30}$	1	4	2	6	$\frac{18}{60}$	3	6
	10	15	$\frac{40}{12}$	1	5	4	2	$\frac{10}{6}$	2	5	1	4
<u>180</u>	2	5	6	3	1	<u>720</u>	6	2	3	4	5	1
<u>720</u>	5	3	2	4	6	<u>3</u>	1	3	<u>24</u>	3	2	4

Kreuzsummenrätsel ohne Zwillinge – 2/2

waager. senkrecht	9	15		4	10		6	5
<u>8</u>	5	3	<u>5</u>	1	4	$\frac{5}{15}$	2	3
<u>5</u>	4	1	$\frac{15}{6}$	3	1	5	4	2
	$\frac{6}{3}$	4	2	<u>4</u>	3	1	10	7
<u>8</u>	2	5	1	$\frac{10}{12}$	2	3	4	1
<u>11</u>	1	2	3	5	$\frac{7}{10}$	4	1	2
	8	6	$\frac{15}{9}$	3	1	2	5	4
<u>15</u>	5	3	1	4	2	6	7	3
<u>6</u>	1	2	3	<u>13</u>	4	5	3	1
<u>8</u>	2	1	5	<u>10</u>	3	1	4	2

Kreuzsummenrätsel ohne Geschwister – 2/3

waager. senkr.	10	11		30	7		35	14		31	29	14
<u>10</u>	7	3	<u>6</u>	5	1	$\frac{7}{23}$	4	3	<u>9</u>	1	6	2
<u>3</u>	1	2	$\frac{21}{14}$	3	6	1	7	4	$\frac{13}{14}$	6	3	4
<u>18</u>	2	6	3	7	<u>33</u>	5	2	7	6	4	1	8
	14	$\frac{7}{12}$	5	2	<u>13</u>	7	6	$\frac{14}{12}$	7	2	5	12
<u>23</u>	5	4	6	8	$\frac{32}{9}$	2	3	6	1	7	8	5
<u>13</u>	8	5	<u>21</u>	1	3	8	5	4	<u>6</u>	3	2	1
<u>4</u>	1	3	<u>10</u>	4	6	<u>10</u>	8	2	<u>18</u>	8	4	6

Frankreichs Liebling füllt die Zeit – 2/6

A	1	2	4	7	7	8	431 = ((8 + 1) x 7 - 2) x 7 + 4
B	2	4	4	5	50	100	543 = (100 - 4 : 4) x 5 + 50 - 2
C	1	4	6	6	10	50	635 = (50 + 6 x 10 - 4) x 6 - 1
D	5	6	6	7	9	10	638 = 9 x 6 x 6 x (7 - 5) - 10
E	1	6	7	10	10	50	645 = (10 + 10 - 7) x 50 - 6 + 1
F	1	2	5	10	25	50	683 = ((50 + 5) x 25 - 10 + 1) : 2
G	2	4	4	6	10	50	735 = (50 + 6 x 4 - 2 : 4) x 10
H	2	4	5	7	10	50	789 = (50 - 4) x (10 + 7) + 5 + 2
I	2	3	3	7	8	25	791 = ((3 x 3 + 2) x 8 + 25) x 7
J	1	1	2	5	8	9	816 = (5 x (9 + 1) + 1) x 2 x 8
K	2	4	6	6	7	9	832 = ((6 x 9 + 6) x 7 - 4) x 2
L	1	4	5	7	8	8	847 = ((4 x 8 - 8) x 5 + 1) x 7
M	1	6	8	25	50	100	904 = (1 + 8) x 100 + 6 - 50 : 25
N	1	2	4	5	7	9	949 = 9 x 7 x 5 x (2 + 1) + 4

Kreuzsummenrätsel plus/minus – 2/4

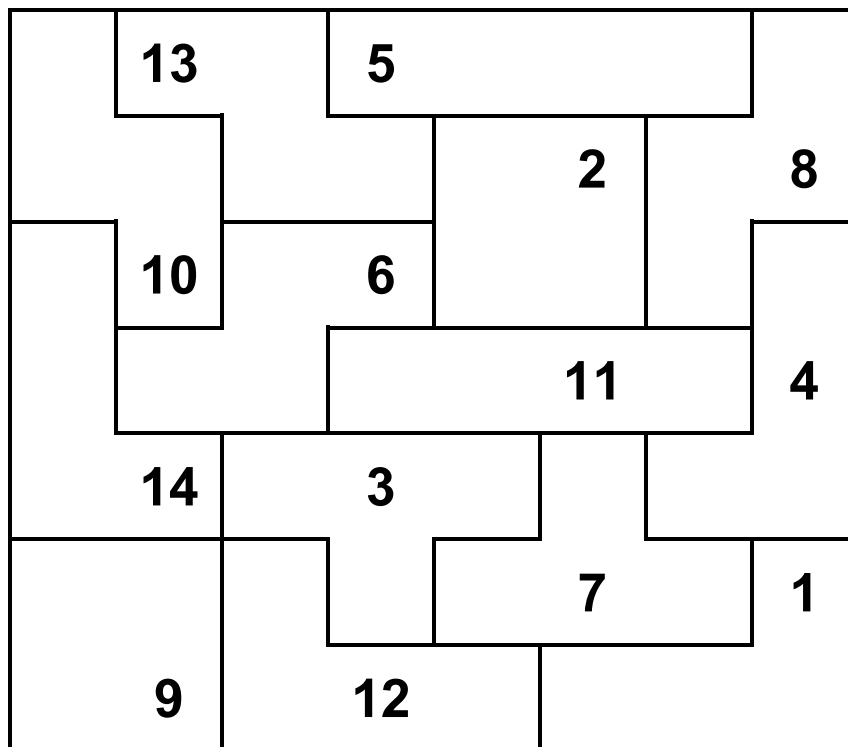
Waager.	- 4	11		11	- 3		- 3	7
senkrecht	4	11	-1	-7	-6	-6	-6	-6
<u>4</u>	1	3	$\frac{-3}{-4}$	4	-7	<u>2</u>	-2	4
<u>11</u>	-6	5	3	7	2	$\frac{-2}{2}$	-4	2
<u>-1</u>	5	1	-7	$\frac{-6}{1}$	-4	-6	3	1
<u>19</u>	-4	2	5	3	6	7	1	-5
	4	$\frac{-3}{17}$	- 1	- 2	$\frac{8}{-10}$	2	1	5
<u>-7</u>	-5	4	-6	$\frac{-13}{-12}$	-6	-1	-4	-2
<u>3</u>	6	7	-2	-5	-3	<u>-10</u>	-3	-7
<u>5</u>	3	6	4	-7	-1	<u>6</u>	7	-1

Codiertes Kreuzsummenrätsel – 2/5

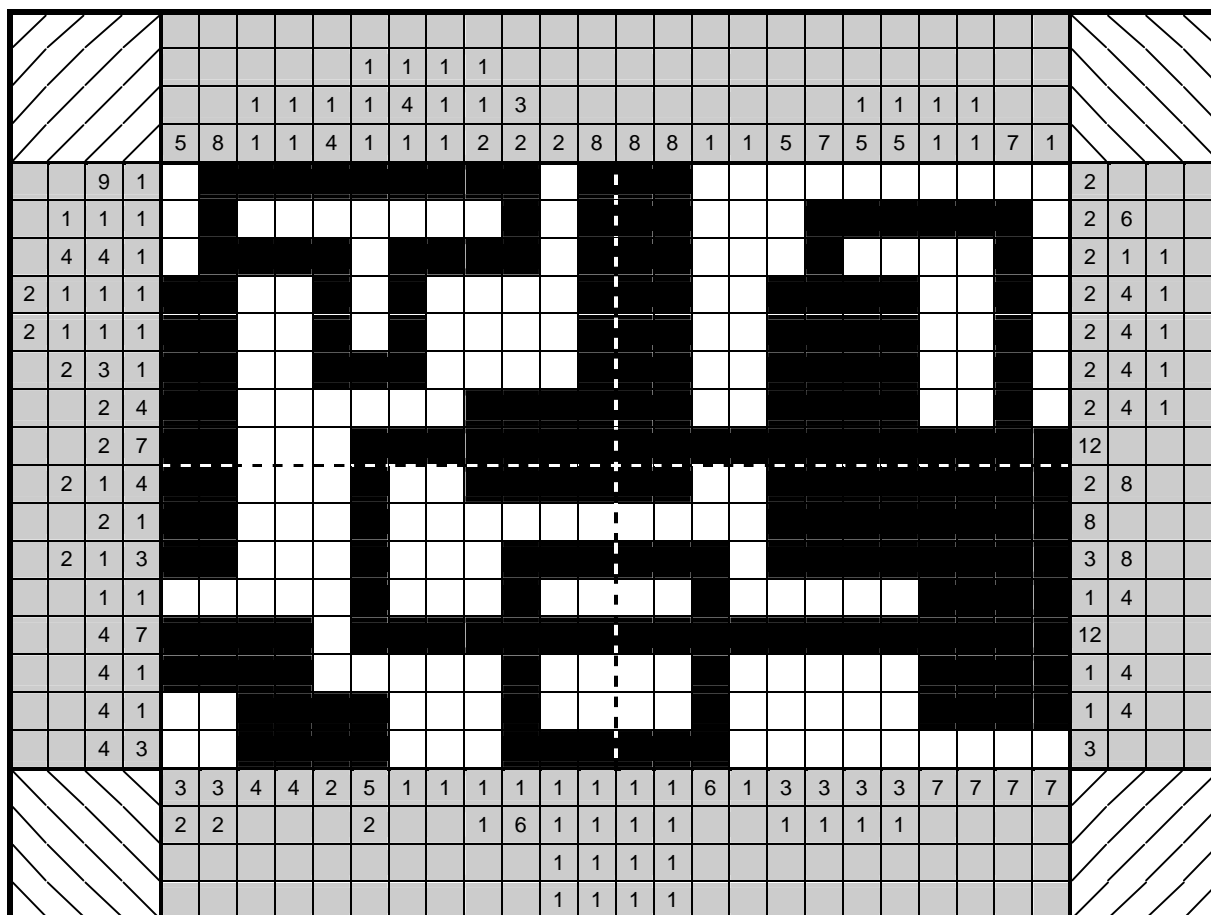
waager	8	4	2	10		6	6		6	10
senkrecht	A	C	A	7	C	A	C	A	C	A
<u>A</u>	1	0	2	4	<u>B</u>	1	2	<u>C</u>	2	4
<u>C</u>	3	1	0	2	$\frac{A}{10}$	3	4	$\frac{D}{10}$	3	2
<u>A</u>	4	3	$\frac{D}{3}$	3	0	2	$\frac{B}{4}$	2	0	1
	7	$\frac{B}{9}$	0	1	2	$\frac{E}{6}$	4	0	1	3
<u>C</u>	1	2	3	$\frac{F}{5}$	4	2	0	3	2	1
<u>A</u>	4	3	<u>G</u>	3	1	0	<u>B</u>	1	2	0
<u>C</u>	2	4	<u>F</u>	2	3	4	<u>D</u>	4	0	1

CO
DE
A=
7
B=
3
C=
6
D=
5
E=
8
F=
9
G=
4

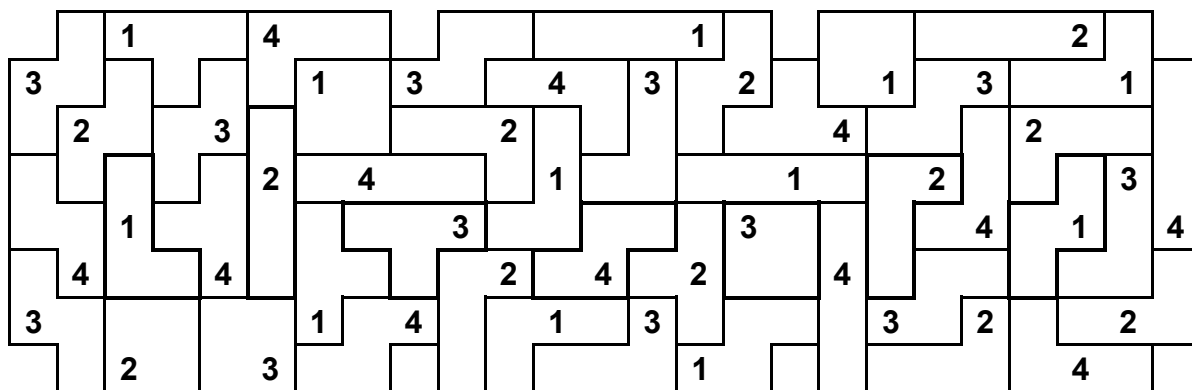
Differenzen – 3/1



Zahlenbild-Kombination – 3/2

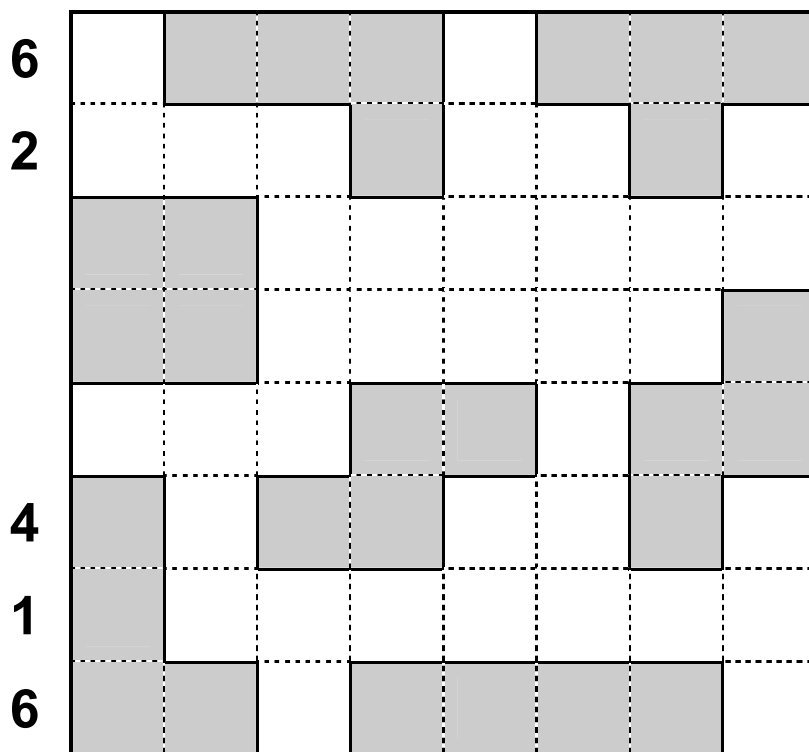


Egalité, but n. e. d. – 3/3



Warteschleife am Yachthafen – 3/4

5



Not the only one – 3/5

A	B	C		A			B		
									A
					B				
		A		C					C
		B							
		C							
					A	B			
A				C					
B								A	B
C								C	

... ma(h)lt zuerst – 3/6

				5	1		
		5	5	2	1	1	
	5	5	2	2	2	1	1
			6				6
	4	4	6		7	7	7
	4	3	6		7	7	
4	4	3	6				6
		3	3				
				3	2		1

Logic Masters 3 geteilt – 3/7

6	9	M	L	1	2	L	L	6	L	5	M	2	M	3	L	M
L	M	L	3	1	4	M	2	M	3	M	4	L	7	L	4	1
2	M	6	L	2	L	9	6	L	1	2	L	M	1	M	L	4
M	5	L		1		6	3		6	L		4		L	7	6
1	8	M		M		M	M		L	M		7		4	L	M
L	L	5	2		2	L	1		8	5		M		M	M	9
M	4	M		3		L	M		M	M		L		1	L	6
L	L	1		L		2	M		5	M	1		2	L	3	M
7	9	3	6	M	6	M	5	2	L	9	3	M	6	M	5	L
4	M	9	2	L	M	L	8	1	3	M	L	L	3	1	L	2
M	L	6	L	M	1	4	L	M	L	2	M	5	8	L	M	5

Rundweg durch Vilnius – 3/8

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

Leicht bewölkter Sternenhimmel – 3/9

		X				X		
				X				X
	X					X		
			X					X
X					X			
		X						X
X				X				
					X			X
	X		X					
					X		X	

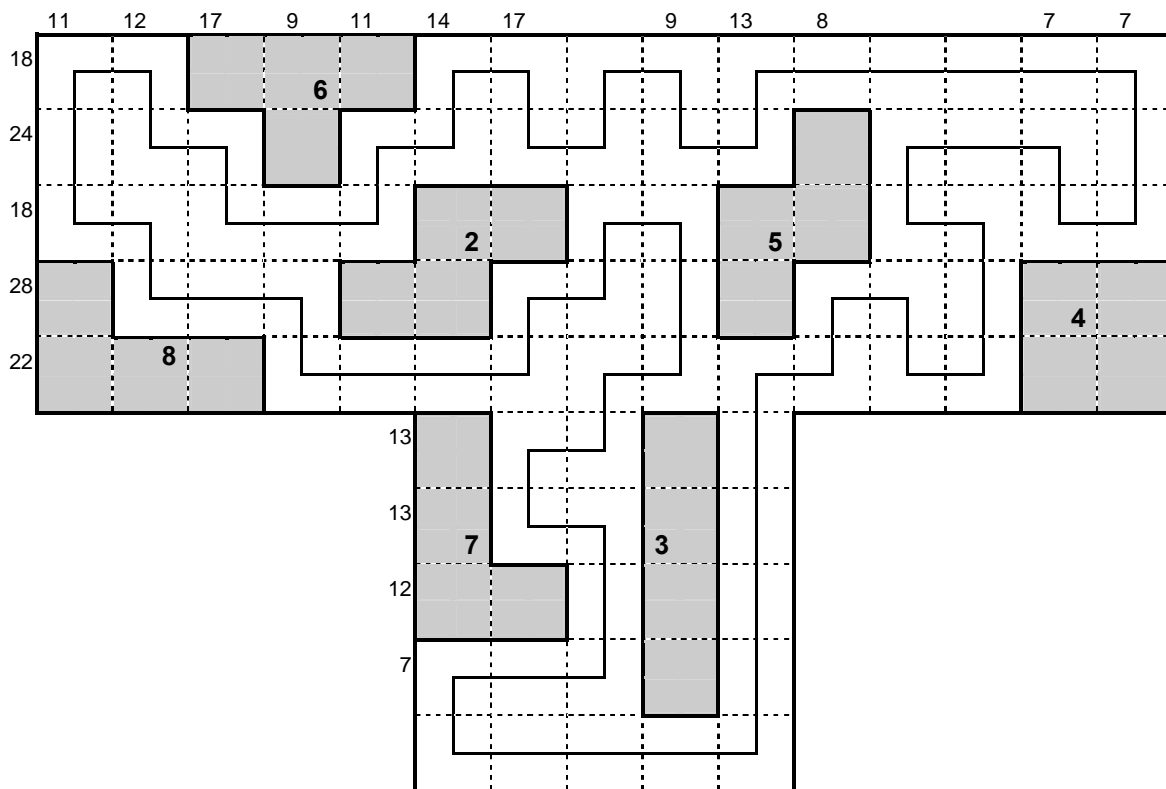
Gebietssummen mit Kontaktsperre – 3/11

4	3	1	8	7	6	5 ²⁶	2 ¹³
8	5	7	6	2	3 ¹¹	4	1
7	2	8	5	4	1	6	3 ²⁴
5	6	4	1	3	2 ⁹	8	7
3	7	5	2	8	4	1	6 ¹⁹
6	1 ⁸	3 ¹⁷	4	5	7 ²³	2	8 ²⁴
2	4	6	7	1	8	3	5
1	8	2	3	6 ¹⁹	5	7	4

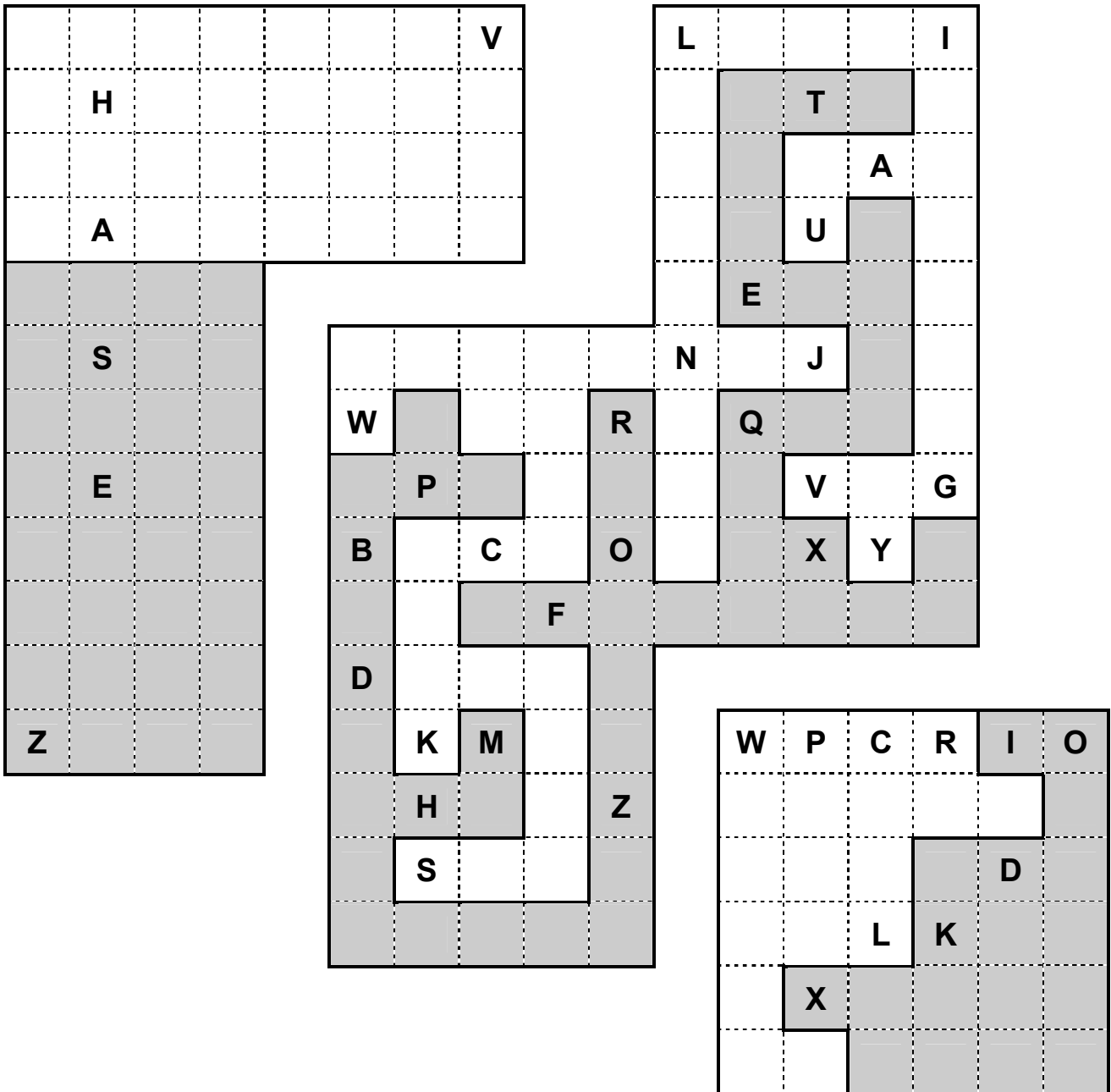
Magnetplatten – 3/10

Σ						8		12		9		7	5			
	+													4		
		-			5											
11			+	-	+	-	+	-	+	-				-	+	-
	2	5	-		-	+	-				-	+				-
		4			+	-		-		-	+	-	+			
				+	-			+	-	+	-	+	-			-
	7		+	-	+		+	-	+	-	+	-	+			+
			-	+	-	+	-			+	-	+	-			-
10			+	-	+	-				-	+	-	+	-		+
										+	-	+	-	+		
				+	-	+			+	-		-	+	-		
		3		-	+	-	+	-						+		
		3	+				-	+	-	+			-			+
13			-	+		-	+	-	+	-	+	-	+	-	+	-
11			+	-			-	+	-	+	-		+	-	+	
9			-	+	-			-	+	-	+			+	-	

KURZLIGIERUNGSSE – 3/12



Spiegelung macht Hälften – 3/13



Französisches Rechnungswesen – 0/Stechen

Z	1	6	6	9	10	75	$561 = (9 - 1) \times 10 \times 6 + 75 + 6$
Y	1	2	3	7	10	25	$571 = (10 + 1) \times 2 \times 25 + 7 \times 3$
X	3	4	6	7	8	100	$536 = 4 \times (100 + 6 \times 7 - 8)$
X	3	4	6	7	8	100	$536 = 6 \times 100 - 8 \times (7 + 4 - 3)$
W	1	3	7	9	50	100	$567 = (100 : 50 + 1) \times 3 \times 9 \times 7$
V	5	7	7	8	10	25	$596 = (7 \times 7 + 25 + 5 : 10) \times 8$

Logic Masters 2008

Gotha - 20. und 21. Juni 2008

Die Lösungen – Teile 4 bis 6

Kropki sein großer Bruder – 4/1

11	6	4	8	3	2	12	7	1	9	10	5
10	7	5	2	4	1	11	3	12	8	9	6
4	12	9	5	10	8	6	11	2	7	3	1
2	3	12	9	6	7	1	8	10	5	11	4
12	5	8	11	2	10	3	6	7	4	1	9
1	2	11	7	5	6	9	12	4	10	8	3
9	4	7	1	8	3	10	2	6	11	5	12
7	9	6	3	11	12	4	10	5	1	2	8
6	1	2	4	9	11	7	5	8	3	12	10
8	10	3	12	1	5	2	9	11	6	4	7
3	8	10	6	12	4	5	1	9	2	7	11
5	11	1	10	7	9	8	4	3	12	6	2

Einbau-Rätsel zur 14. LM in Gotha – 4/4

1	2	5	1	0	0	0	0	0	3	1	3	8	4	1	1	3	0	2	5	1	/
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

2	7	3	1	3	0	2	2	6	3	2	3	4	1	3	0	0	0	0	0	0	/	2	2	3	1	3	2	3	4	4	4	3	2	3	3	4	3	4	3	2	3	3	9	4	8
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

/	3	6	6	3	8	2	8	0	0	0	0	1	1	3	2	2	0	3	4	6	5	4
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Masterword – 3 Heimspiele für Mike und Hansen – 5/1

G	R	U	N	D
H	U	S	A	R
K	O	M	E	T
O	R	G	A	N
S	T	U	R	M
T	H	E	M	A
!	!	!	!	!
R	A	U	T	E

1	1
0	3
0	2
0	2
1	2
0	3
5	0

G	R	U	N	D
H	E	I	N	Z
H	U	S	A	R
K	O	M	E	T
O	R	G	A	N
T	H	E	M	A
!	!	!	!	!
K	U	E	H	N

0	2
0	3
1	1
1	1
1	0
1	1
5	0

D	O	C	H	T
G	R	U	N	D
H	U	S	A	R
K	O	M	E	T
O	R	G	A	N
T	H	E	M	A
!	!	!	!	!
G	O	T	H	A

2	1
1	0
0	2
1	1
0	3
1	2
5	0

Lösungswörter aus Rätsel 1: RAUTE - KUEHN - GOtha

Insider auf Lücke gesetzt – 5/4

O	G		W	O			E	N	E	V			
E	N		I	H	C	S	A	M	T		I	E	Z
L	U	K	E			I	R	U		T	H	C	A
	N	N		F	O	X			R	A		I	R
L		A		A		D	E	F	E		K		T
E	G		A	R		A	G			D	I	L	
O		B			N	Y		E	I		T		E
N	I	E	H	C		S	N	E		N	N	O	S
	E	N	R	E	V		E		T		A	P	

Wortliste (unten aus Rätsel 3 – RA-etsel)

- 2: A - AR - EI - GO - HR - IR - N - NE - NN - NT - OH - RE
 3: EMU - ES - ET - HIV - IT - LEO - LID - NY - OB - WIE - WO
 4: ACHT - CO - FOX - LUKE - NV - URI
 5: AAL - ANTIK - FEE - NOEL
 6: DATE - FARCE - GERA - VENE
 7: PATE - SIXDAYS | 9: EIGNUNG - POLICE
 8: DEFEKT | 14: SONNENSCHNITT - ZEITMASCHINE
GARAGE (9) - KNABEN (8)

Lösungswörter aus Rätsel 4: VERNE - ZART

Damit konnte man ja rechnen – 5/5

- HAPS = 49
 HUMOR = 59
 MANN = 38
 POOL = 38
 PROFIS = 50
 SCHOSS = 95
 SPORT = 44
 TERTIA = 28
VERNE = 32
ZART = 40

V	A	T	I
11	12	1	2

B	R	O	N	Z	E
10	9	13	6	18	3

S	C	H	L	U	M	P	F
17	15	16	8	7	14	4	5

Words ... don't come easy – surprise surprise – 5/6

Die Begriffe lauten alphabetisch:

HUSAR

KOMET

KUEHN

DOCHT

ORGAN

GOTHA

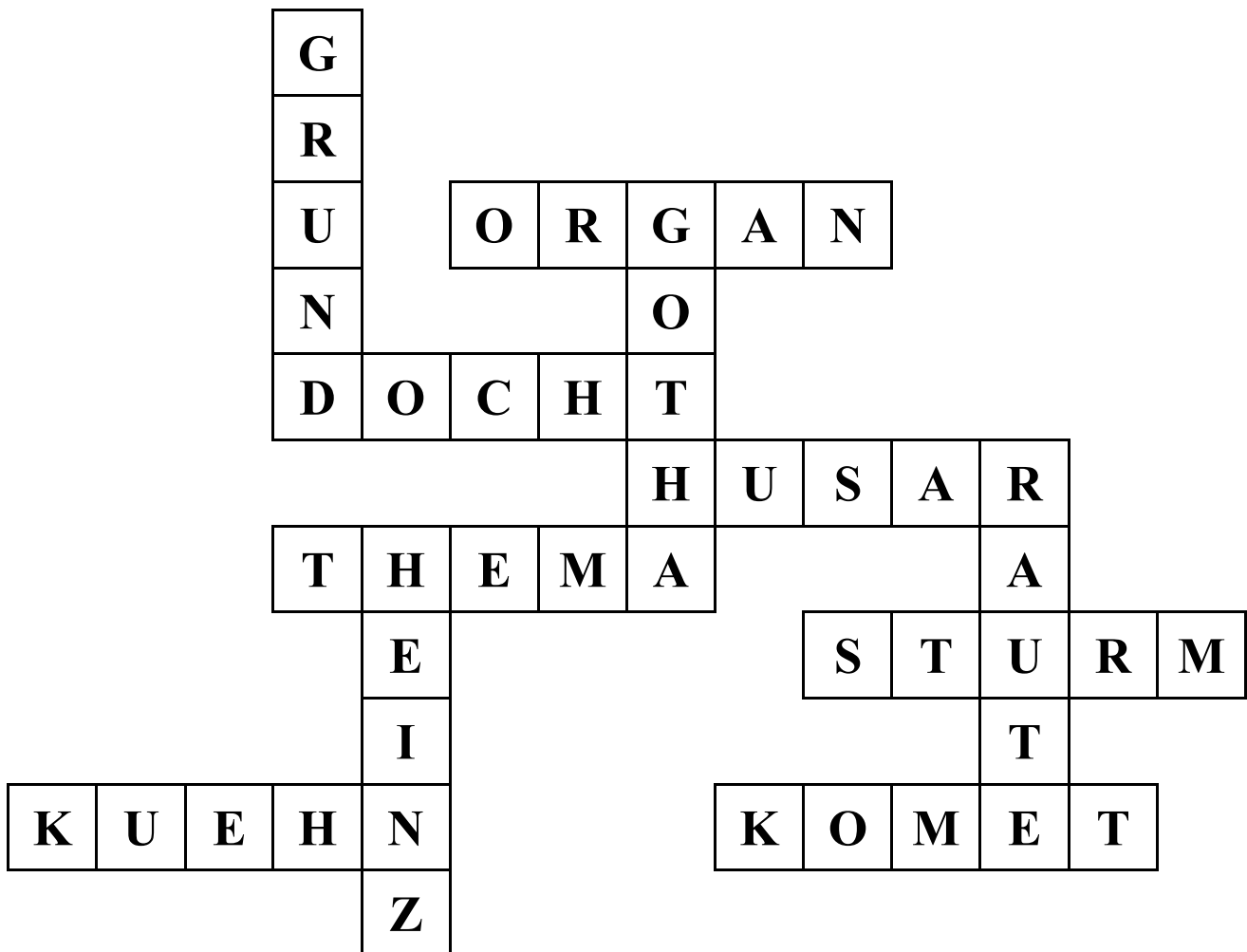
RAUTE

GRUND

STURM

HEINZ

THEMA



L Ö S U N G E N

The Weakest Link – Masterword - Nicht nötig! Oder? – F/1

B	A	R	O	N
D	R	O	P	S
F	R	A	N	Z
L	I	N	D	E
S	P	I	E	L
W	O	L	G	A

! ! ! ! !

P	L	A	N	B
---	---	---	---	---

0	3
0	1
2	0
0	2
0	2
0	2

5	0
---	---

F	L	E	C	K
K	R	E	I	S
M	I	L	C	H
P	L	A	N	B
S	T	I	C	H
U	N	R	A	T

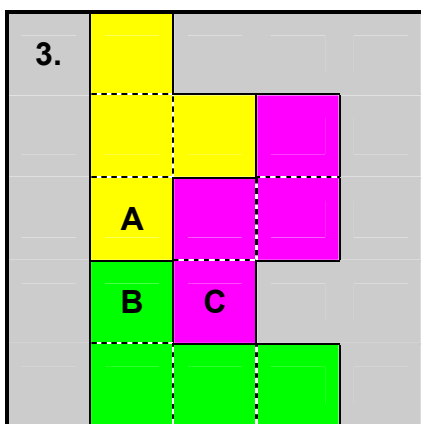
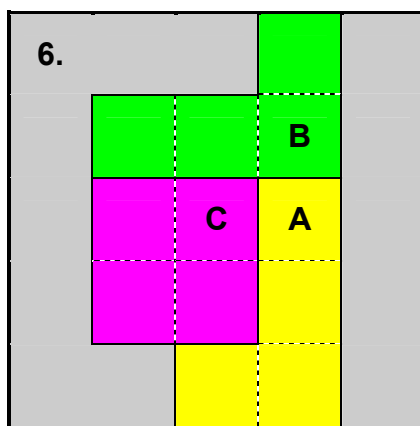
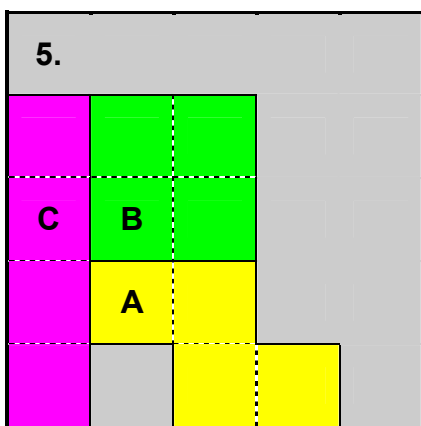
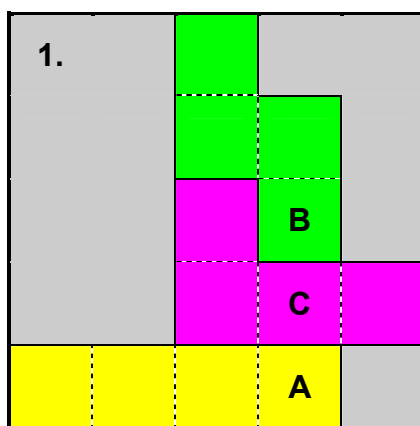
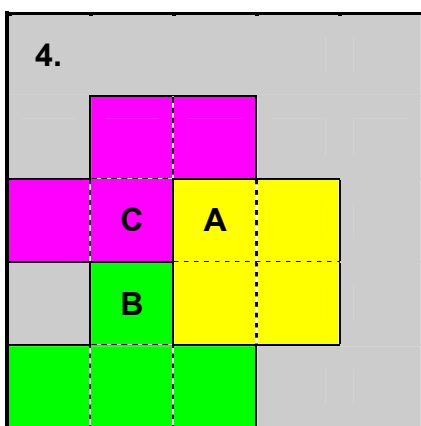
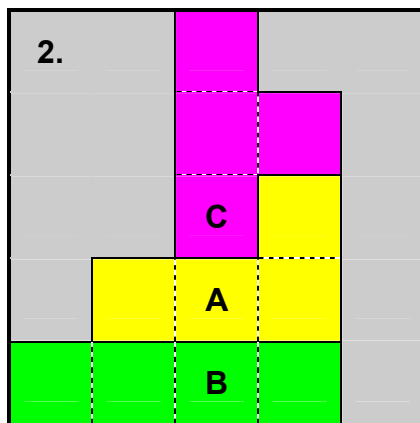
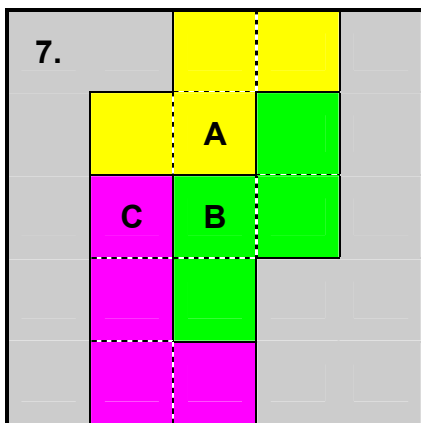
! ! ! ! !

M	I	N	S	K
---	---	---	---	---

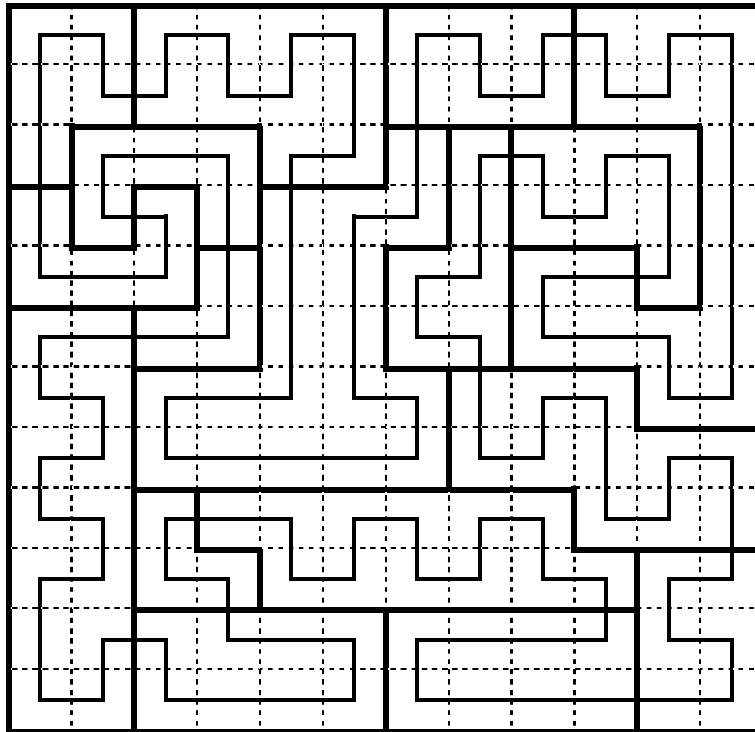
1	0
0	3
2	0
0	1
0	2
0	1

5	0
---	---

Litauen III – Team-Runde – F/2



Rundweg en gros – F/3



Hitori des lettres – F/4

N	N	M	W	Y	K	V	W	T	S
T	W	Y	U	M	S	I	K	N	Y
K	T	I	I	N	V	Y	S	V	I
K	T	U	Y	S	W	M	I	I	N
I	S	K	I	V	N	N	Y	W	T
V	V	S	T	U	N	N	M	Y	W
S	V	V	K	Y	I	W	T	N	M
W	Y	W	N	I	K	S	T	S	V
W	K	T	V	M	Y	I	S	U	T
W	M	Y	N	S	T	M	I	K	K

Kakuro – F/6

waager.	9	4	19		23	22	5	17
senkr.								
<u>11</u>	7	3	1	<u>24</u>	6	9	1	8
<u>8</u>	2	1	5	<u>23</u> <u>45</u>	8	2	4	9
	32	<u>16</u> <u>31</u>	4	2	9	1	39	20
<u>30</u>	7	6	9	8	<u>14</u> <u>11</u>	4	1	9
<u>10</u>	9	1	<u>26</u>	1	2	6	9	8
<u>17</u>	8	9	<u>14</u>	6	8	<u>8</u> <u>7</u>	5	3
<u>9</u>	2	7	<u>16</u> <u>10</u>	5	1	2	8	25
<u>30</u>	6	8	7	9	<u>20</u> <u>16</u>	4	7	9
	7	<u>23</u> <u>11</u>	2	3	5	1	4	8
<u>16</u>	6	2	1	4	3	<u>3</u>	2	1
<u>10</u>	1	9	<u>15</u>	7	8	<u>10</u>	3	7

Zusatzstechen, falls benötigt – 0/S

U ° 2 - 5 - 5 - 10 - 25 - 50 ° 563

$$563 = 5 \times 5 \times 25 - 50 - 10 - 2$$

T ° 1 - 2 - 2 - 6 - 7 - 8 ° 582

$$582 = ((2 \times 7 - 2) \times 8 + 1) \times 6$$

3D-Sudoku mit wortästhetischen Grüßen vom Bruderherz aus Nangilima – F/5

J	O	C	H
M	K	B	G
L	N	P	A
I	D	F	E

D	A	M	P
N	F	E	L
K	J	I	O
B	G	H	C

F	I	N	K
H	C	A	D
E	B	G	M
P	L	O	J

G	E	L	B
O	P	J	I
C	H	D	F
A	M	K	N

Hochhäuser codiert - der Meistermacher – F/7

			B						
		4	5	3	1	2	6		
E	1	2	4	5	6	3		E	
C	3	4	1	6	5	2		C	
	5	6	2	3	4	1			
A	2	3	6	4	1	5		A	
	6	1	5	2	3	4			
			B		D				

CO	
DE	
A=	11
B=	12
C=	13
D=	15
E=	18