## 1. ALTERNATE CORNERS

Find a single closed loop that passes through every square exactly once and never crosses itself. The path travels horizontally and vertically, but never diagonally. The path must make a $90^{\circ}$ turn at every circle. Every second turn must be made at a circle, and every other turn must be made in a square without circle.


10 points


25 points


40 points

## 2. JAPANESE PENTOMINO

Place the pieces inside the diagram in such a way that they don't touch each other anywhere, not ever diagonally. Individual pieces may be turned but not mirrored. The numbers outside the diagram indicate in order, how many parts of the pieces each row or column contains.


## 3. SNAKES

horizontally and vertically, but don't touch themselves or each other anywhere, not even diagonally. The heads and the tails are visible. Can you establish the exact positions of the snakes?


70 points

## 4. ORDER IN THE COURT

Place the digits 1 or 9 into each square so that the eight different 4 -digit numbers reading across and down are in increasing numerical order, as indicated by the numbers outside the grid.

Example:

A)

B)


## 5. BOYS

Fit the names into the $4 \times 4$ grid so that each name can be spelled out as on a boggle board. That is, each name must be spelled out in order by proceeding from letter to consecutive letter horizontally, vertically and/or diagonally.


## 6. ABC

Divide the grid into different sized parts! Each section contains maximum one of each letter.
Example:

| A | A | A | E |
| :---: | :---: | :---: | :---: |
| A | B | B | D |
| C | B | D | C |$\quad \rightarrow \quad$| A | A | A | E |
| :---: | :---: | :---: | :---: |
| A | B | B | D |
| C | B | D | C |

A)

| G | A | B | C | C |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| E | E | E | F | D |  |
| C | E | C | C | E |  |
| C | D | D | A | F |  |
| A | B | B | A | D |  |
| 30 points |  |  |  |  |  |

B)

| D | B | B | F | C | E |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D | G | G | A | C | B |  |
| C | C | A | A | F | F |  |
| F | C | H | F | C | A |  |
| H | F | B | A | D | B |  |
| F | D | G | H | G | F |  |
| $\mathbf{5 0}$ points |  |  |  |  |  |  |

## 7. ABC-CONNECTION

Connect the A with the other $\mathrm{A}, \mathrm{B}$ with the other B etc., with broken lines that pass trough the centres of horyzontally or vertically adjacent squares and do not intersect.


15 points
B)


15 points

## 8. SCRABBLE - GIRLS

The list below contains 27 names. Fill them in on the diagram. The diagram already contains one letter from each name. Every name crosses with one or more other names.


| ADA | ELIZABETH | MELISSA |
| :--- | :--- | :--- |
| AMANDA | ERNA | NORA |
| BARBARA | EVA | PATRICIA |
| BELINDA | HANNAH | RAHEL |
| BRENDA | HARRIET | SARAH |
| CAROL | JOAN | SUSAN |
| DAWN | LATOYA | TAMARA |
| DOLORES | LAUREN | TRACEY |
| DOROTHY | LISA | VERA |

## 9. DOMINO CROSS SUMS

Put the dominoes into the grid! The numbers indicate the sum of the dominonumbers in that "answer" across or down.

Example:


85 points

## 10. SMS

Find out the words coded by the keys used when writing them in an sms!

| 1 | 2 | 3 |
| :---: | :---: | :---: |
| - | ABC | DEF |
| 4 | 5 | 6 |
| GHI | JKL | MNO |
| 7 | 8 | 9 |
| PQRS | TUV | WXYZ |

ROCK:
$78464=$
$2328537=$
$5264767824=$ $237676484=$ $774623=$

Example: football player:

## $\begin{array}{llllllllllll}3 & 2 & 8 & 4 & 3 & 2 & 3 & 2 & 5 & 4 & 2 & 6\end{array}$

$\rightarrow$ DAVID BECKHAM

CITY:
$566366=$
$2272227=$
$9355464866=$ $2442246=$ $793639=$

CAR:
$76837=$
$7677243=$
$7362858=$
$526242=$
$75632=$
$15 \times 10=150$ points

## 11. "WHAT IS THE NORWEGIAN DRINKING?" - THE ABSOLUTE CLASSICAL

Can you decide by the following information, that wich colour, price and owner belongs to each car? (The colours: back, blue, red, silver, yellow; the prices: 40.000 euro, 60.000 euro, 80.000 euro, 120.000 euro, 130.000 euro; the owners: Alberto, Luis, Paolo, Roberto, Rodrigo.)

$$
\begin{array}{ll}
A=B \text { means: } & A \text { and } B \text { belong together } \\
A \neq B \text { means: } & A \text { and } B \text { don't belong together } \\
A<B \text { means: } & B \text { is more expensive than } A \\
& \\
& \text { (or A's car) }
\end{array}
$$

Solution:

| colour | price | owner |  |
| :---: | :--- | :--- | :--- |
| BMW |  |  |  |
| FERRARI |  |  |  |
| LAMBORGHINI |  |  |  |
| LOTUS |  |  |  |
| MASERATI |  |  |  |

BMW $\neq$ YELLOW
FERRARI $=$ ALBERTO
MASERATI $\neq$ RODRIGO
PAOLO $<$ LOTUS
ROBERTO $=$ BLACK

LUIS $<$ RED $<$ LAMBORGHINI
BLUE = MASERATI
BLACK f LOTUS
RODRIGO $=40.000 \mathrm{EURO}$

70 points

## 12. ONE WORD WILL BE LEFT

Put the words into the grid! The neighbouring sections must not contain the same letter. One word will be left over. Wich one is it? Note: It's necessary to complete the puzzle, not enough identify the unused word!


| AUSTRAL | DRACHMA | LEVA | POUND | One word is left: |
| :--- | :--- | :--- | :--- | :---: |
| CORDOBA | FORINT | LIRA | REIS |  |
| CRUZADO | KUNA | MANAT | RUBEL | $\boxed{ }$ |
| DOLLAR | LEI | MARK | SHEKEL |  |
| DONG | LEK | PES丹 | YEN |  |
|  |  |  |  | $\mathbf{1 0 0}$ points |

