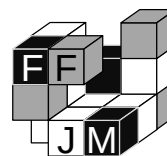


Spécial  
**LOGIQUE**

**CASIO®**

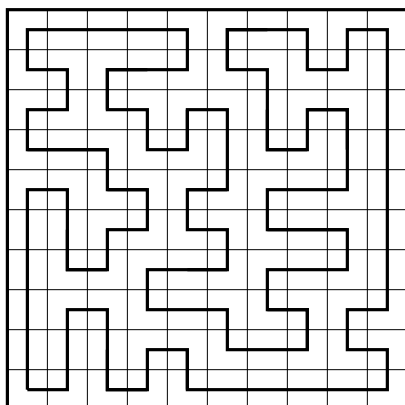
# Championnat de France de Grilles Logiques

**Solutions**  
**21 mars 2015**



Fédération Française  
des Jeux Mathématiques

## 1. Loop Finder



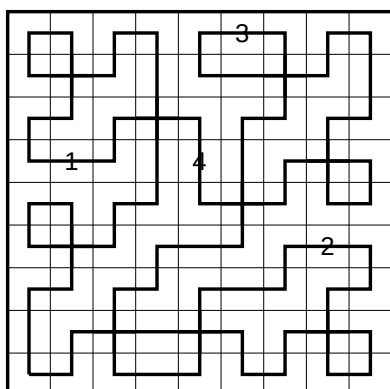
## 2. Hitori

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 4 |   | 2 | 6 |   | 5 | 3 | 1 |
| 3 | 1 |   | 4 | 2 |   | 7 |   |
| 7 |   | 3 | 1 |   | 6 | 4 | 2 |
| 5 | 4 |   | 2 | 3 |   | 1 |   |
|   | 5 | 6 |   | 1 | 4 | 2 | 7 |
| 1 |   | 7 | 3 | 5 |   | 6 |   |
| 6 | 7 | 1 |   | 4 | 2 |   | 5 |
| 2 |   | 4 | 7 |   | 1 | 5 | 3 |

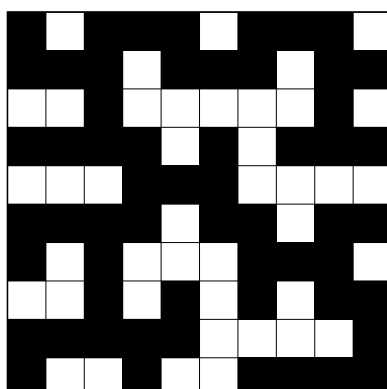
## 3. Battleships

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 2 | 2 | 3 | 5 | 0 | 3 | 1 | 2 |
| 2 |   |   |   |   |   |   | ● |   | ● |
| 4 |   | ● | ● | ● | ● |   |   |   |   |
| 0 |   |   |   |   |   |   |   |   |   |
| 7 | ● |   | ● | ● | ● |   | ● | ● | ● |
| 1 | ● |   |   |   |   |   |   |   |   |
| 3 |   |   |   | ● | ● |   | ● |   |   |
| 0 |   |   |   |   |   |   |   |   |   |
| 2 |   | ● |   |   | ● |   |   |   |   |
| 1 |   |   |   |   | ● |   |   |   |   |

## 4. Railroad Tracks



## 5. Coral Finder



## 6. Spiral End View

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
|   | B |   | A | C | B |   |   |
|   | A | B |   | C |   | D | D |
|   | C | D | A |   | B |   | B |
| A | B | D |   |   |   | C | A |
| B | A |   | C | D |   |   | B |
|   |   |   | B | A | D | C |   |
| C | C | B | A |   | D |   | A |
|   |   |   |   |   |   |   |   |

## 7. Kakuro

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    | 26 | 13 | 13 |    |    | 19 | 7  | 9  |
| 7  | 2  | 1  | 4  | 15 | 21 | 9  | 4  | 8  |
| 29 | 8  | 7  | 9  | 5  | 6  | 3  | 2  | 1  |
| 12 | 9  | 3  |    | 11 | 3  | 5  | 2  | 1  |
| 22 | 7  | 2  | 5  | 1  | 3  | 4  | 11 | 17 |
|    |    | 21 | 3  | 2  | 6  | 1  | 5  | 4  |
|    | 28 | 8  | 7  | 4  | 9  | 12 | 3  | 9  |
| 18 | 9  | 7  | 2  |    | 14 | 8  | 3  | 2  |
| 10 | 7  | 2  | 1  |    | 13 | 9  | 1  | 3  |

## 8. Minesweeper

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   | ● | 3 |   | 1 |   | ● |   |   |
| 1 |   | ● | ● |   | 3 | ● |   | 1 |
|   | 2 |   | 4 | ● |   | ● |   |   |
| 3 | ● |   | ● |   | 1 | 2 |   |   |
| ● | ● |   | 3 | 3 |   | ● | 2 |   |
|   | 3 |   | ● | ● |   | 4 | ● |   |
| 3 | ● | 5 | ● | 3 |   | ● | ● | 1 |
| ● | ● | ● |   |   | 4 | ● | 3 | ● |
| 3 |   | 2 |   | ● | ● |   |   | ● |
| ● | 1 |   | 2 | ● |   | 1 |   | 2 |

## 9. Skyscrapers

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|   | 3 |   | 3 |   |   |
|   | 6 | 2 | 5 | 4 | 3 |
| 3 | 4 | 1 | 3 | 2 | 5 |
| 2 | 5 | 4 | 2 | 1 | 6 |
|   | 3 | 6 | 1 | 5 | 4 |
| 4 | 2 | 3 | 4 | 6 | 1 |
|   | 1 | 5 | 6 | 3 | 2 |
|   | 5 | 2 |   | 3 | 3 |

Auteur des problèmes: Denis Auroux