| DESCRIPTION | MY SOLUTIONS | LEADERBOARD | COMMENTS | README | | CODEWRITING | SCORE: 300/300 |

You have a rectangular white board with some black cells. The black cells create a connected black figure, i.e. it is possible to get from any black cell to any other one through connected adjacent (sharing a common side) black cells.

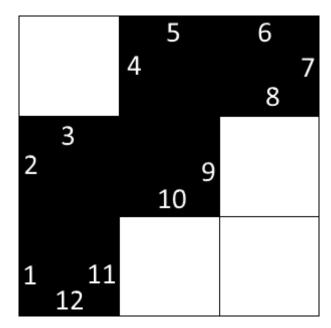Find the perimeter of the black figure assuming that a single cell has unit length.

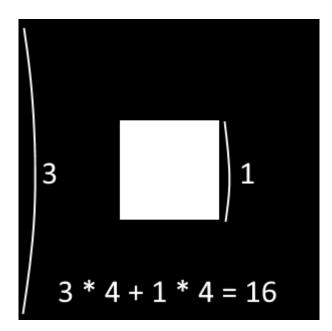It's guaranteed that there is at least one black cell on the table.

**Example**

- For

```
matrix = [[false, true,  true ],
          [true,  true,  false],
          [true,  false, false]]
```

  the output should be
  `polygonPerimeter(matrix) = 12`.



- For

```
matrix = [[true, true,  true],
          [true, false, true],
          [true, true,  true]]
```

  the output should be
  `polygonPerimeter(matrix) = 16`.



$3 * 4 + 1 * 4 = 16$

**Input/Output**

- [execution time limit] 4 seconds (js)