



Problem of the Week

Problem C

Places for Pigeons

One hundred pigeons are to be housed in identical-sized cages under the following conditions:

- each cage must contain at least one pigeon;
- no two cages can contain the same number of pigeons; and
- no cages can go inside any other cage.

Determine the maximum number of cages required to house the pigeons.



STRANDS NUMBER SENSE AND NUMERATION, PATTERNING AND ALGEBRA

