

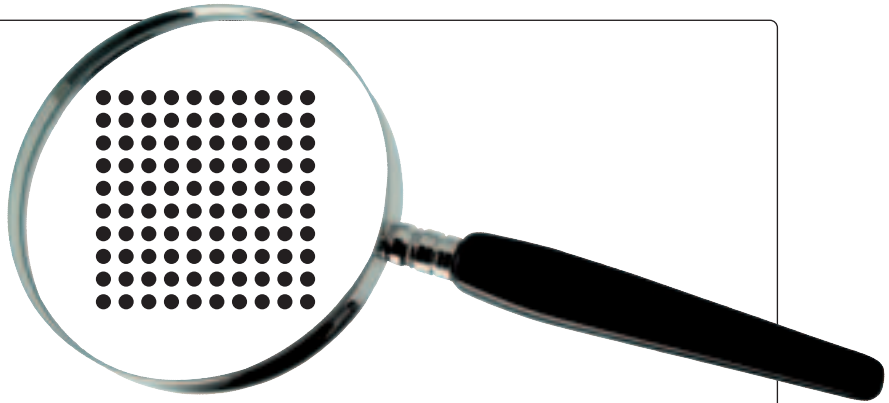
Dotty People

You need dotty array paper (see NP material master 6-9)

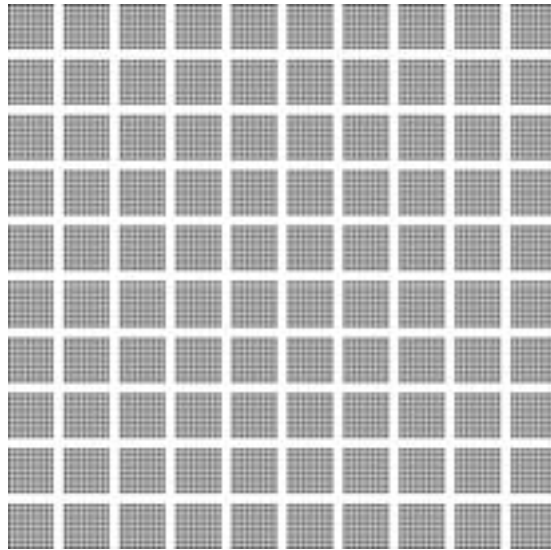
Activity



A 10 by 10 block has 100 dots.

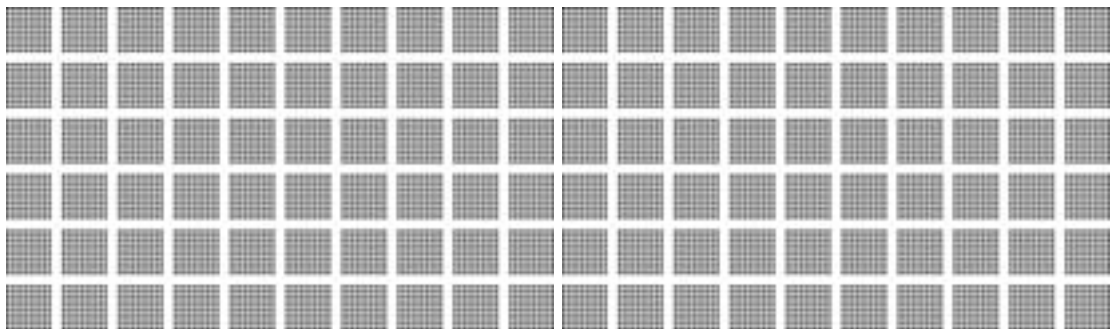


1. This array is made from 10 rows of 10 blocks of dots.
How many dots are there altogether?

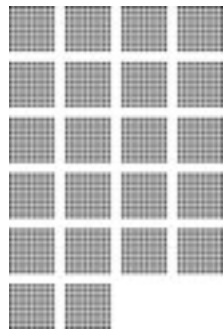


2. Each dot in the following 10 by 10 blocks represents 1 person. What is the population of each town?

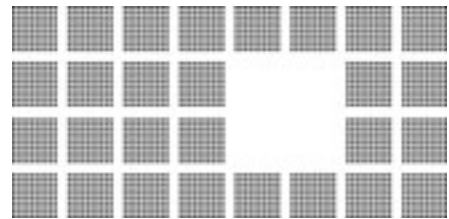
a. Mangaiti



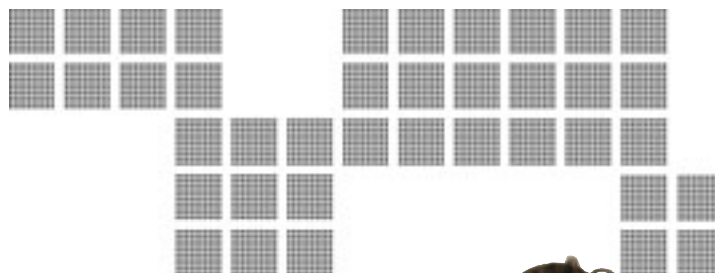
b. Tapanui



c. Waikakariki



d. Ngāpuke



3. What would the population of each town be if each dot represented:

- a. 10 people?
- b. 100 people?
- c. 50 people?

4. Use a dot array to represent the population of:

- a. Auckland
- b. New Zealand
- c. Sāmoa
- d. Australia
- e. the whole world.

Remember to write down how many people each dot represents.