

Tables and chairs

This task is about spatial patterns and rules.

A room has tables that are shaped like this. Each table can seat 5 people.



Here is a picture of 3 tables in a row.



a) Six tables are put together in one long row (as above).

How many people could be seated? people

b) 35 people needed to be seated in one long line of tables (arranged as above).

How many tables would be needed? tables

c) Write a rule to work out the number of people that could be seated in a long row of any number of tables.

Rule: