

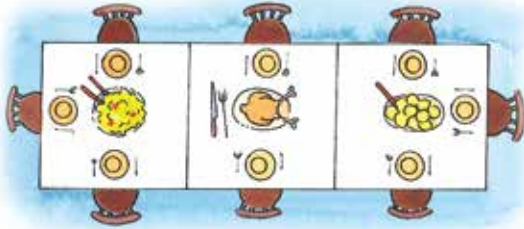
# Table Talk

You need: multilink cubes (optional), a classmate

ACTIVITY

Emeli runs a café. She has 18 tables that can each seat up to four people, but she can put tables together for larger groups.

Here is a setting for eight people:



1. On Wednesday night, Emeli has these bookings:

Name	Number of diners
Lee	7
Hugh	11
Pickle	3
Jellyman	9
Stew	5

Discuss with a classmate how Emeli might set out the tables and chairs so that each group can sit together.

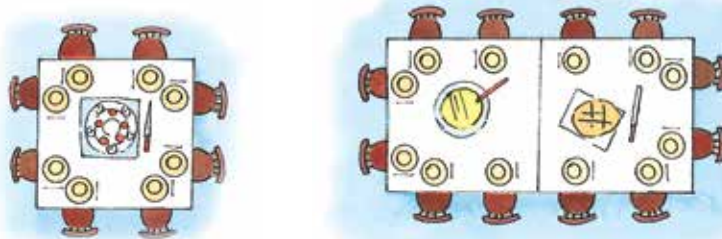
2. On Saturday night, Emeli gets a late booking for eight people. She already has these groups coming for dinner:

Name	Number of diners	Tables needed
King	10	4
Bacon	15	7
Rack	7	3

Does Emeli have enough tables to take the extra booking?

Give a reason why or why not.

3. Emeli thinks that she might swap her 18 small tables for nine large tables that can seat up to eight people.



If she makes the swap, will she be able to seat more people than before if they are all in groups of eight?

Discuss this with your classmate.