# C1- S2 BIRTHDAY GUEST

A big group of 15 guests is getting together at a restaurant for a birthday.

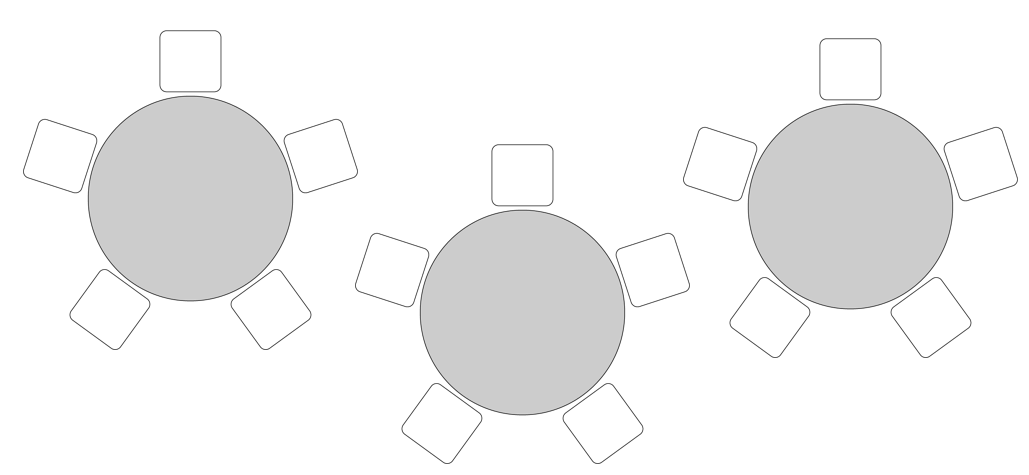
The restaurant has 3 tables that can each seat only 5 people. Below you can find some information about the people who are attending the party.

**Aysha, Ben, Carla, Damien, Eric, Fan, Genaro, Hannah, Isaias, Jessica, Kyla, Laila, Max, Nazek, Owen**

|  |  |
| --- | --- |
| **Close Friends** (Try to put them together)  Aysha and Damien  Max and Isaias  Nazek and Laila  Owen and Genaro  Ben and Jessica  Genaro and Eric | **In a Fight** (Try to keep them apart)  Aysha and Genaro  Ben and Hannah  Fan and Max  Damien and Laila  Isaias and Owen  Kyla and Jessica |

# Objective

Find the best possible arrangement of guests at the party. Draw your solution in the space below. To help you can cross out the letters of the names you’ve assigned in the row below.



# Reflect

How did you use each step of the problem solving process to solve this problem? Give examples of what each step looked like as you were solving that problem.

|  |  |
| --- | --- |
| **What is the problem** |  |
| **What is your process to find the solution** |  |
| **How do you test your solution** |  |
| **Find the solution** |  |
| **Test the solution** |  |