In this activity, you will need to complete the table below.

The rules of the puzzle are as follows:

1. You can only enter the number 0 or 1 in each square of the grid.
2. No more than two identical digits may be placed directly next to or below each other.
3. Each row must be unique.
4. Each column must be unique.
5. Each row or column has the same number of zeros and ones.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** | **1** | **0** | **0** | **1** | ***0*** |
| **1** | **0** | **1** | **0** | **0** | ***1*** |
| **0** | **1** | **0** | **1** | **0** | **1** |
| **0** | **1** | **0** | **1** | **1** | **0** |
| **1** | **0** | **1** | **0** | **1** | **0** |
| **0** | **0** | **1** | **1** | **0** | **1** |