**MC900198791[1] CUADRADOS MÁGICOS**

En un cuadrado mágico, la suma de los tres números de cada **fila**, **columna** o **diagonal** es el mismo valor**,** llamado ***número mágico*** del cuadrado.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | 4 |  | 2 | |  | 5 |  | |  |  | 6 | | |  |  |  | | --- | --- | --- | |  |  | 3 | | 2 | 6 | 10 | |  |  |  | | |  |  |  | | --- | --- | --- | | 11 | 6 | 7 | |  |  |  | |  | 10 |  | |
| Número mágico: ………. | Número mágico: ………. | Número mágico: ………. |
| |  |  |  | | --- | --- | --- | |  |  | 4 | |  | 7 |  | | 10 |  | 8 | | |  |  |  | | --- | --- | --- | | 8 | 18 | 4 | |  |  |  | |  | 2 |  | | |  |  |  |  | | --- | --- | --- | --- | | 7 |  | 1 | 14 | | 2 | 13 |  | 11 | | 16 |  | 10 |  | | 9 |  |  |  | |
| Número mágico: ………. | Número mágico: ………. | Número mágico: ………. |



Algunos **cuadrados mágicos muy famosos**. Complétalos e investiga sobre ellos (dónde están, cuál es el número mágico y qué significado tiene…)

|  |  |
| --- | --- |
| Cuadrado mágico de Durero | Cuadrado mágico de Gaudí |
| |  |  |  |  | | --- | --- | --- | --- | |  | 3 | 2 |  | |  | 10 |  | 8 | |  | 6 | 7 |  | | 4 | 15 |  | 1 | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 14 |  | 4 | | 11 |  | 6 |  | |  | 10 |  |  | | 13 |  | 3 | 15 | |
| Número mágico: ………. | Número mágico: ………. |

SOLUCIONES:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | 4 | 9 | 2 | | 3 | 5 | 7 | | 8 | 1 | 6 | | |  |  |  | | --- | --- | --- | | 7 | 8 | 3 | | 2 | 6 | 10 | | 9 | 4 | 5 | | | |  |  |  | | --- | --- | --- | | 11 | 6 | 7 | | 4 | 8 | 12 | | 9 | 10 | 5 | |
| Magic number: 15 | Magic number: 18 | | Magic number: 24 |
| |  |  |  | | --- | --- | --- | | 6 | 11 | 4 | | 5 | 7 | 9 | | 10 | 3 | 8 | | |  |  |  | | --- | --- | --- | | 8 | 18 | 4 | | 6 | 10 | 14 | | 16 | 2 | 12 | | | |  |  |  |  | | --- | --- | --- | --- | | 7 | 12 | 1 | 14 | | 2 | 13 | 8 | 11 | | 16 | 3 | 10 | 5 | | 9 | 6 | 15 | 4 | |
| Magic number: 21 | Magic number: 30 | | Magic number: 34 |
| |  |  |  |  | | --- | --- | --- | --- | | 16 | 3 | 2 | 13 | | 5 | 10 | 11 | 8 | | 9 | 6 | 7 | 12 | | 4 | 15 | 14 | 1 | | | |  |  |  |  | | --- | --- | --- | --- | | 1 | 14 | 14 | 4 | | 11 | 7 | 6 | 9 | | 8 | 10 | 10 | 5 | | 13 | 2 | 3 | 15 | | |
| Magic number: 34 | | Magic number: 33 | |