**![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 |