Name:

**Connect: Next week’s Euromillions**

Using the methods we learnt last week, convert next week’s Euromillions numbers from binary into denary ten HEX:

**Method 1 – divide by 2, remainder 1 or 0**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |
|  | /2 |  | Remainder |  |

**Method 2 – use binary columns and take it away**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **128** | **64** | **32** | **16** | **8** | **4** | **2** | **1** |
|  |  |  |  |  |  |  |  |



**Your ticket:**

**Sunday, 30 November 2014**

**00000101**

**00010011**

**00010101**

**00011101**

**00110001**

**Lucky Stars:**

**00000010**

**00001011**

**The numbers are:**

**Show your working out on the back of the sheet.**

**The numbers are:**