**Binary Numbers Homework**

1. Convert the numbers below from Denary to Binary;

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Denary Number* | 128 | 64 | 32 | 16 | 8 | 4 | 2 | 1 | *Binary Number* |
| 6 |  |  |  |  |  |  |  |  |  |
| 22 |  |  |  |  |  |  |  |  |  |
| 41 |  |  |  |  |  |  |  |  |  |
| 130 |  |  |  |  |  |  |  |  |  |
| 99 |  |  |  |  |  |  |  |  |  |

1. Convert the numbers below from Binary to Denary;

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Denary Number* | 128 | 64 | 32 | 16 | 8 | 4 | 2 | 1 | *Binary Number* |
|  |  |  |  |  |  |  |  |  | 00001001 |
|  |  |  |  |  |  |  |  |  | 00010001 |
|  |  |  |  |  |  |  |  |  | 00000111 |
|  |  |  |  |  |  |  |  |  | 00100100 |
|  |  |  |  |  |  |  |  |  | 10000001 |