### Counting in binary: student sheet

**Task one:**  Convert these decimal numbers into binary.

|  |  |
| --- | --- |
| Decimal Number | Binary Number |
| 0 | **0000** |
| 1 | **0001** |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |
| 11 |  |
| 12 |  |
| 13 |  |
| 14 |  |
| 15 |  |

**Task two:**  Convert these decimal numbers into binary.

|  |  |
| --- | --- |
| Decimal Number | Binary Number |
| 19 |  |
| 27 |  |
| 31 |  |
| 35 |  |
| 41 |  |
| 54 |  |
| 60 |  |

**Task three:** Covert these decimal numbers into binary using 8 bits.

|  |  |
| --- | --- |
| Decimal Number | Binary Number |
| 90 |  |
| 112 |  |
| 119 |  |
| 210 |  |
| 240 |  |