**AP Computer Science – Binary Assignment**

**Binary Conversion** – Convert these Binary numbers to decimal.

|  |  |
| --- | --- |
| **Binary** | **Decimal Equivalent** |
| 10100100 |  |
| 11100100 |  |
| 10011011 |  |
| 10101100 |  |
| 11111001 |  |
| 01100001 |  |
| 01100011 |  |
| 01101011 |  |
| 00011110 |  |
| 11011011 |  |

**Decimal Conversion** - Convert these Decimal numbers to binary.

|  |  |
| --- | --- |
| **Decimal** | **Binary Equivalent** |
| 76 |  |
| 213 |  |
| 45 |  |
| 98 |  |
| 146 |  |
| 194 |  |
| 237 |  |
| 14 |  |
| 112 |  |
| 38 |  |