

Binary to Decimal: Convert each binary number to a decimal number:

| | |
|----------------|----------------|
| 001001 _____ | 1001100 _____ |
| 01000111 _____ | 1100100 _____ |
| 10111 _____ | 1010100 _____ |
| 10100 _____ | 1111001 _____ |
| 1111 _____ | 10010011 _____ |
| 1110 _____ | 11100000 _____ |
| 1010011 _____ | 11010000 _____ |
| 110011 _____ | 00110110 _____ |
| 1011100 _____ | 01101001 _____ |
| 1101111 _____ | 10 _____ |
| 11000000 _____ | 1001 _____ |
| 10000111 _____ | 101101 _____ |
| 1000100 _____ | 1011 _____ |
| 10010010 _____ | 11000 _____ |
| 1100000 _____ | 101010 _____ |

Decimal to binary: Convert each decimal number to binary. Supply zeros to the left if necessary to get 8 bits

| | | |
|-----------|-----------|-----------|
| 87 _____ | 97 _____ | 200 _____ |
| 63 _____ | 72 _____ | 10 _____ |
| 100 _____ | 179 _____ | 130 _____ |
| 17 _____ | 114 _____ | 69 _____ |
| 77 _____ | 120 _____ | 8 _____ |
| 5 _____ | 27 _____ | 36 _____ |
| 3 _____ | 33 _____ | 12 _____ |
| 6 _____ | 91 _____ | 140 _____ |
| 16 _____ | 121 _____ | 21 _____ |
| 76 _____ | 46 _____ | 127 _____ |
| 65 _____ | 13 _____ | 128 _____ |
| 75 _____ | 19 _____ | 32 _____ |
| 132 _____ | 22 _____ | 56 _____ |