# Binary Worksheet

IT 101 - Computer Fundamentals

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## Binary to Decimal

1. 0000 0000 =
2. 0000 0001 =
3. 0101 0101 =
4. 1111 1111 =
5. 0000 0111 =

## Decimal to Binary

1. 3 =
2. 24 =
3. 255 =
4. 71 =
5. 99 =

## Binary Addition

1. 0000 0011

1100 0101 decimal value =

1. 1000 0001

0000 0000 decimal value =

1. 0010 0010 1010 0101

0110 1111 0111 0000 decimal value=

## 32-bit binary to Decimal

1. 0000 0001 0000 1011 0001 1000 0001 1110

0000 0000 0000 0000 1000 0101 0011 0001 decimal value =