

**Binary Numbers Worksheet**

Convert the following binary numbers to their decimal equivalent:

Place Value	128	64	32	16	8	4	2	1
Binary Digit	0	0	0	0	1	0	0	0
Decimal Value								

Decimal equivalent

Place Value	128	64	32	16	8	4	2	1
Binary Digit	0	0	0	0	1	0	1	1
Decimal Value								

Decimal equivalent

Place Value	128	64	32	16	8	4	2	1
Binary Digit	0	0	1	0	0	1	1	1
Decimal Value								

Decimal equivalent

Place Value	128	64	32	16	8	4	2	1
Binary Digit	1	0	0	0	0	0	0	0
Decimal Value								

Decimal equivalent

Place Value	128	64	32	16	8	4	2	1
Binary Digit	1	1	1	1	1	1	1	1
Decimal Value								

Decimal equivalent

**ELEC 88.81****Name**

Convert the following decimal numbers to their binary equivalent:

Decimal number 27

Place Value	128	64	32	16	8	4	2	1
Binary Digit								

Decimal number 56

Place Value	128	64	32	16	8	4	2	1
Binary Digit								

Decimal number 97

Place Value	128	64	32	16	8	4	2	1
Binary Digit								

Decimal number 133

Place Value	128	64	32	16	8	4	2	1
Binary Digit								

Decimal number 212

Place Value	128	64	32	16	8	4	2	1
Binary Digit								