Binary format | Part C

Here's another example, with four binary digits which is called a nibble.

1   0   1   1

Now starting from the left we are going to write

3   2   1   0
and that's base 2, multiply the digits

1   0   1   1

by their base 2 to the power indicated which is

3   2   1   0

what we are going to get is

$1 \times 2^3 + 0 \times 2^2 + 1 \times 21 + 1 \times 20$

that's an

8   2   1

which is 11.

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