Converting decimal to binary and vice versa

Convert the following decimal numbers to binary numbers:

35:

2^6	2^5	2^4	2^3	2^2	2^1	2^0
64	32	16	8	4	2	1

80:

99:

190:

Convert the following binary numbers to decimal numbers:

0	0	1	1	0	0	1

= ☐

1	1	0	1	1	0	0

= ☐

1	1	0	1	1	1	0

= ☐

1	1	0	0	1	1	1

= ☐

1	0	1	1	1	1	0

= ☐

The formula for finding the highest number that can be stored in given bits is 2^N-1.

What is the largest number that can be stored in 4 bits?

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