

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

1101

$$= 8 + 4 + 0 + 1$$

$$= 13$$

$$1 \times 2^4 + 1 \times 2^3 + 0 \times 2^2 + 0 \times 2^1 + 1 \times 2^0$$

11001

$$= 1 + 8 + 16 = 25$$