

5 4 3 2 1 0

← Powers of base 2

1	0	1	0	1	1
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2

$$1 \times 2^0 = 1 \times 1 = 1$$

$$1 \times 2^1 = 1 \times 2 = 2$$

$$0 \times 2^2 = 0 \times 4 = 0$$

$$1 \times 2^3 = 1 \times 8 = 8$$

$$0 \times 2^4 = 0 \times 16 = 0$$

$$1 \times 2^5 = 1 \times 32 = 32$$

1

2

0

8

0

32

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 $43_{10}$ 

(Sum of products)