Binary Numbers (Base 2) · 1

Write the binary number 1110000 as a decimal number.

Binary Numbers (Base 2) · 2

Write 208 as a binary number.

Binary Numbers (Base 2) · 3

Write the binary number 1100010 as a decimal number.

Binary Numbers (Base 2) · 4

In a binary number, what is the place value of the 3rd digit from the right?

Binary Numbers (Base 2) · 5

How many digits does 196 have when it is written in binary?

Binary Numbers (Base 2) · 6

Which binary number comes right after 11010011?

Binary Numbers (Base 2) · 7

Compare: binary 11101001 ___ 232. Write <, > or =.

Binary Numbers (Base 2) · 8

Sam says the binary number 11010011 is 203. What is it really, as a decimal number?

Binary Numbers (Base 2) · 2

ANSWER

11010000

Binary Numbers (Base 2) · 1

ANSWER

112

Binary Numbers (Base 2) · 4

ANSWER

4

Binary Numbers (Base 2) · 3

ANSWER

98

Binary Numbers (Base 2) · 6

ANSWER

11010100

Binary Numbers (Base 2) · 5

ANSWER

8

Binary Numbers (Base 2) · 8

ANSWER

211

Binary Numbers (Base 2) · 7

ANSWER

>

Binary Numbers (Base 2) · 9

A row of 8 light bulbs shows a number in binary: on means 1 and off means 0. From left to right the bulbs are on, on, off, on, off, off, off, on. What number do they show?

Binary Numbers (Base 2) · 10

Double the binary number 1101. Write the answer in binary.

Binary Numbers (Base 2) · 11

Write the binary number 11001010 as a decimal number.

Binary Numbers (Base 2) · 12

Write 230 as a binary number.

Binary Numbers (Base 2) · 13

Write the binary number 1011101 as a decimal number.

Binary Numbers (Base 2) · 14

In a binary number, what is the place value of the 7th digit from the right?

Binary Numbers (Base 2) · 15

How many digits does 245 have when it is written in binary?

Binary Numbers (Base 2) · 16

Which binary number comes right after 10110000?

Binary Numbers (Base 2) · 10

ANSWER

11010

Binary Numbers (Base 2) · 9

ANSWER

209

Binary Numbers (Base 2) · 12

ANSWER

11100110

Binary Numbers (Base 2) · 11

ANSWER

202

Binary Numbers (Base 2) · 14

ANSWER

64

Binary Numbers (Base 2) · 13

ANSWER

93

Binary Numbers (Base 2) · 16

ANSWER

10110001

Binary Numbers (Base 2) · 15

ANSWER

8

Compare: binary 1101000 ___ 104. Write <, > or =.

Noah says the binary number 1011001 is 77. What is it really, as a decimal number?

A row of 8 light bulbs shows a number in binary: on means 1 and off means 0. From left to right the bulbs are on, on, on, on, on, on, off, off. What number do they show?

Double the binary number 11011. Write the answer in binary.

Write 107 as a binary number.

Write the binary number 101101 as a decimal number.

In a binary number, what is the place value of the 2nd digit from the right?

How many digits does 87 have when it is written in binary?

Binary Numbers (Base 2) · 18

ANSWER

89

Binary Numbers (Base 2) · 17

ANSWER

=

Binary Numbers (Base 2) · 20

ANSWER

110110

Binary Numbers (Base 2) · 19

ANSWER

252

Binary Numbers (Base 2) · 22

ANSWER

45

Binary Numbers (Base 2) · 21

ANSWER

1101011

Binary Numbers (Base 2) · 24

ANSWER

7

Binary Numbers (Base 2) · 23

ANSWER

2