Binary Numbers (Base 2) · 1

Write the binary number 111 as a decimal number.

Binary Numbers (Base 2) · 2

Write 13 as a binary number.

Binary Numbers (Base 2) · 3

Write the binary number 1100 as a decimal number.

Binary Numbers (Base 2) · 4

In a binary number, what is the place value of the 4th digit from the right?

Binary Numbers (Base 2) · 5

How many digits does 23 have when it is written in binary?

Binary Numbers (Base 2) · 6

Which binary number comes right after 11010?

Binary Numbers (Base 2) · 7

Compare: binary 10001 ___ 17. Write <, > or =.

Binary Numbers (Base 2) · 8

Ava says the binary number 11101 is 23. What is it really, as a decimal number?

Binary Numbers (Base 2) · 2

ANSWER

1101

Binary Numbers (Base 2) · 1

ANSWER

7

Binary Numbers (Base 2) · 4

ANSWER

8

Binary Numbers (Base 2) · 3

ANSWER

12

Binary Numbers (Base 2) · 6

ANSWER

11011

Binary Numbers (Base 2) · 5

ANSWER

5

Binary Numbers (Base 2) · 8

ANSWER

29

Binary Numbers (Base 2) · 7

ANSWER

=

Binary Numbers (Base 2) · 9

A row of 5 light bulbs shows a number in binary: on means 1 and off means 0. From left to right the bulbs are on, off, off, off, off. What number do they show?

Binary Numbers (Base 2) · 10

Double the binary number 1001. Write the answer in binary.

Binary Numbers (Base 2) · 11

Write the binary number 100001 as a decimal number.

Binary Numbers (Base 2) · 12

Write 41 as a binary number.

Binary Numbers (Base 2) · 13

Write the binary number 11110 as a decimal number.

Binary Numbers (Base 2) · 14

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

Binary Numbers (Base 2) · 15

How many digits does 8 have when it is written in binary?

Binary Numbers (Base 2) · 16

Which binary number comes right after 101?

Binary Numbers (Base 2) · 10

ANSWER

10010

Binary Numbers (Base 2) · 9

ANSWER

16

Binary Numbers (Base 2) · 12

ANSWER

101001

Binary Numbers (Base 2) · 11

ANSWER

33

Binary Numbers (Base 2) · 14

ANSWER

2

Binary Numbers (Base 2) · 13

ANSWER

30

Binary Numbers (Base 2) · 16

ANSWER

110

Binary Numbers (Base 2) · 15

ANSWER

4

Compare: binary 11101 ___ 32. Write <, > or =.

Zoe says the binary number 101011 is 53. What is it really, as a decimal number?

A row of 5 light bulbs shows a number in binary: on means 1 and off means 0. From left to right the bulbs are on, off, on, on, off. What number do they show?

Double the binary number 11010. Write the answer in binary.

Write the binary number 100010 as a decimal number.

Write 9 as a binary number.

Write the binary number 11 as a decimal number.

In a binary number, what is the place value of the 6th digit from the right?

Binary Numbers (Base 2) · 18

ANSWER

43

Binary Numbers (Base 2) · 17

ANSWER

<

Binary Numbers (Base 2) · 20

ANSWER

110100

Binary Numbers (Base 2) · 19

ANSWER

22

Binary Numbers (Base 2) · 22

ANSWER

1001

Binary Numbers (Base 2) · 21

ANSWER

34

Binary Numbers (Base 2) · 24

ANSWER

32

Binary Numbers (Base 2) · 23

ANSWER

3