***Converta de binário para decimal***

1. 11001 --2=

16 8 4 2 1= 16+8+1=25

1. 101/101/011/ --2=

256 128 64 / 32 16 8 / 4 2 1 = 256+64+32+8+2+1= 362

3. 10001111 --2

1. 64 32 16 8 4 2 1 = 128+8+4+2+1= 143

4--111/010/010 --- 2

256 128 64 /32 16 8 /4 2 1 = 256+128+64+16+2= 466

5. 101/100/111/01/-- 2=

1024 512 256 / 128 64 32 / 16 8 4 / 2 1 = 1024+256+128+16+8+4+1 =1.437

6. 110/010/110/101 --2 =

2048 1024 512/ 256 128 64 /32 16 8/ 4 2 1 = 2048+1024+128+32+16+4+1=3.253

7. 111 --2=

4 2 1 = 4+2+1=7

8. 1001 -- 2=

8 4 2 2 =8+1= 9

9. 10000 – 2

16 8 4 2 1 = 16

10. 111/000 -- 2=

32 16 8 4 2 1 =32+16+8=56

11. 101200 --2= ERRO

12. 101/101/1 –2

64 32 1 6 8 4 2 1 = 1+2+8+16+64=91

13. 110/010/1 – 2

64 32 16 8 4 2 1 = 64+32+4+1=101

14. 001/110/1 –2

64 32 16 8 4 2 1 = 1+4+8+16-= 30

15. 11/101/011 2

128 64 32 16 8 4 2 1 = 128+64+32+8+2+1=235

16. 111/010/00 /2

128 64 32 16 8 4 2 1 =128+64+32+8=232

17. 110/100/011/001 2=

2048 1024 512 256 128 64 32 16 8 4 2 1 2048+1024+256+16+8+13.353

18. 100/011/ 101 2=

256 128 64 32 16 8 4 2 1 = 1+4+8+16+256=285

19. 110/111/111/10 2=

1024 512 256 128 64 32 16 8 4 2 1 1024+512+128+64+32+16+8+4+2= 1790

20. 001/110/1 2

64 32 16 8 4 2 1 = 16+8+4+1=29

**Converta de decimal para binario**

1. 10 10

8 4 2 1 = 1010

1. 67 10

64 32 16 8 4 2 1 = 1000011

1. 450 10

256 128 64 32 16 8 4 2 1 = 10 1 1 1 0000 10

1. 999 10

512 256 128 64 32 16 8 4 2 1 =1111100111

1. 325 10

256 128 64 32 16 8 4 2 1 = 101000101

1. 650 10

512 256 128 64 32 16 8 4 2 1 =1010001010~

1. 77 10

64 32 16 8 4 2 1= 1001101

1. 189 10

128 64 32 16 8 4 2 1 = 10111101

1. 234 10
2. 64 32 16 8 4 2 1= 11101010
3. 74 10

64 32 16 8 4 2 1 = 1001010

1. 167 10

128 64 32 16 8 4 2 1 = 10100111

1. 83 10

64 32 16 8 4 2 1= 1010011

1. 1600 10

1024 256 128 64 32 16 8 4 2 1= 11001000000

1. 999 10

521 256 128 64 32 16 8 4 2 1= 1111100111

1. 750 10

512 256 128 64 32 16 8 4 2 1= 1011101110

1. 27 10

16 8 4 2 1 = 11011

1. 1991 10

1024 512 256 128 64 32 16 8 4 2 1= 11111000111

1. 2020 10
2. 2 256 128 64 32 16 8 4 2 1 =11111100100

19- Dia-mês-ano do seu nascimento (p.ex. 160 61 1991)

16,777,216 / 8,388,608 / 2,097 ,152 / 1,048,576 /131,072 / 65,536 / 16,384 / 8196/ 4096/ 2048/ 1024/ 512/ 256 / 128 / 64 / 32 /16/ 8 /4 / 2/ 1

= 1110110011000001011000100

20. Idade (p.ex. 21)=

16 8 4 2 1 = 10101