**EJERCICIOS DE NUMERACIÓN**

* Ejercicio 1: Decimal a Binario

33: 100001

63: 111111

160: 10100000

254: 11111110

120: 1111000

24: 11000

48: 110000

50: 110010

130: 10000010

132: 10000100

225: 11100001

500: 111110100

* Ejercicio 2: Binario a Decimal

11001100: 204

00110011: 51

10101010: 170

01010101: 85

101111: 47

00101111: 47

11000011: 195

12111100: 252

1100001111: 783

1000011001: 537

1000100010000000: 34944

* Ejercicio 3: Decimal a Hexadecimal

13: 1101 = E

16: 1.0000 = 10

96: 110.0000 = 60

84: 101.0100 = 54

130: 1000.0010 = 82

124: 111.1100 = 7C

148: 1001.0100 = 95

150: 1001.0110 = 96

160: 1010.0000 = A0

320: 1.0100.0000 = 140

335: 1.0100.1111 = 14F

522: 10.0000.1010 = 20A

* Ejercicio 4: Decimal a Hexadecimal

33: 0010.0001 = 21

63: 11.1111 = 3F

160: 1010.0000 = A0

254: 1111.1110 = FE

120: 111.1000 = 78

24: 1.1000 = 18

48: 11.0000 = 30

50: 11.0010 = 32

130: 1000.0010 = 82

132: 1000.0100 = 84

225: 1110.0001 = E1

500: 1.1111.0100 = 1F4

* Ejercicio 5: Hexadecimal a Decimal

58: 101.1000 = 88

AA: 1010.1010 = 170

BB: 1011.1011 = 187

9: 9

99: 1001.1001 = 153

F0: 1111.0 = 30

14: 1.0100 = 20

7C: 111.1100 = 124

BEBE: 1011.1110.1011.1110 = 48830

* Ejercicio 6: Convertir

|  |  |  |
| --- | --- | --- |
| Decimal | Binario | Hexadecimal |
| 175 | 1010.1111 | AF |
| 153 | 1001.1001 | 99 |
| 164 | 1010.0100 | A4 |
| 250 | 1111.1010 | FA |
| 193 | 1100.0001 | C1 |
| 159 | 1001.1111 | 9F |
| 101 | 110.0101 | 65 |
| 5 | 101 | 5 |
| 257 | 1.0000.0001 | 101 |