Binary, Decimal, Hexadecimal Conversion Exercises
http://east82.com/

Binary to decimal

1. 11001011
2. 00110101
3. 10000011
4. 10001111
5. 11100011
6. 00000100
7. 00010010
8. 00111111
9. 10101010
10. 01010101

Hex to binary

1. 45
2. FA
3. 5D
4. 99
5. 03
6. 6B
7. DD
8. FE
9. 22
10. 18

Decimal to binary

1. 213
2. 9
3. 67
4. 99
5. 23
6. 143
7. 6
8. 1
9. 197
10. 252

Decimal to hex

1. 233
2. 21
3. 9
4. 75
5. 188
6. 56
7. 4
8. 121
9. 94
10. 201

Binary to hex

1. 11001100
2. 11110001
3. 00110001
4. 11000010
5. 10100100
6. 10100111
7. 11101100
8. 11111100
9. 00111111
10. 00000011

Hex to decimal

1. 5A
2. CC
3. 97
4. 40
5. 07
6. 3D
7. F1
8. FB
9. 82
10. E4

Binary, Decimal, Hexadecimal Conversion Exercises

Answers

Binary to decimal

1. 11001011 – 203
2. 00110101 – 53
3. 10000011 – 131
4. 10001111 – 143
5. 11100011 – 227
6. 00000100 – 4
7. 00010010 – 18
8. 00111111 – 63
9. 10101010 – 170
10. 01010101 – 85

Decimal to binary

1. 67 – 01000011
2. 99 – 01100011
3. 23 – 00010111
4. 143 – 10001111
5. 6 – 00000110
6. 1 – 00000001
7. 197 – 11000101
8. 252 – 11111100
9. 213 – 11010101
10. 9 - 00001001

Binary to hex

1. 11001100 – CC
2. 11110001 – F1
3. 00110001 – 31
4. 11000010 – C2
5. 10100100 – A4
6. 10100111 – A7
7. 11101100 – EC
8. 11111100 – FC
9. 00111111 – 3F
10. 00000011 – 03

Hex to binary

1. 45 – 01000101
2. FA – 11111010
3. 5D – 01011101
4. 99 – 10011001
5. 03 – 00000011
6. 6B – 01101011
7. DD – 11011101
8. FE – 11111110
9. 22 – 00100010
10. 18 – 00011000

Decimal to hex

1. 21 – 15
2. 9 – 09
3. 75 – 4B
4. 188 – BC
5. 56 – 38
6. 4 – 04
7. 121 – 79
8. 94 – 5E
9. 201 – C9
10. 233 – E9

Hex to decimal

1. 5A – 90
2. CC – 204
3. 97 – 151
4. 40 – 64
5. 07 – 7
6. 3D – 61
7. F1 – 241
8. FB – 251
9. 82 – 130
10. E4 – 228