Bermudez, Christopher M.
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Binary Addition

1. 101 + 11 = 1000
2. 111 + 111 = 1110
3. 1010 + 1010 = 10100
4. 11101 + 1010 = 100111
5. 11111 + 11111 = 011110

Binary Subtraction

6. 110 - 10 = 100
7. 101 - 11 = 10
8. 1001 - 11 = 110
9. 1101 - 11 = 1010
10. 10001 - 100 = 1101

Binary Multiplication

11. 10 * 10 = 100
12. 100 * 11 = 1100
13. 101 * 10 = 1010
14. 1011 * 11 = 100001
15. 11011 * 101 = 10000111

Binary Division

16. 100 / 10 = 10
17. 111 / 11 = 10
18. 1010 / 100 = 10
19. 1101 / 11 = 100
20. 10111 / 10 = 1101111

Decimal to Binary

1. 137 = 10001001
2. 128 = 10000000
3. 63 = 111111
4. 213 = 11010101
5. 49 = 110001
6. 111 = 1101111
7. 242 = 11110010
8. 192 = 11000000
9. 59 = 111011
10. 2 = 10
11. 200 = 11001000
12. 171 = 10101011
13. 150 = 10010110
14. 27 = 11011
15. 19 = 10011
16. 189 = 10111101
17. 222 = 11011110
18. 29 = 11101
19. 23 = 10111
20. 136 = 10001000

Binary to Decimal

1. 11001001 = 201
2. 01000111 = 71
3. 10000110 = 134
4. 00010001 = 17
5. 10001000 = 136
6. 00111110 = 62
7. 01010101 = 85
8. 10101010 = 170
9. 01101110 = 110
10. 00010111 = 23
11. 11111000 = 248
12. 11100010 = 226
13. 00011101 = 29
14. 01101111 = 111
15. 10010111 = 151
16. 11100101 = 229