1. Convert base8 to base2
   * 723
   * 1234567
   * 345
   * 235626
   * 77665544332211
2. How many bits with base8
   * 702
   * 7001
   * 67545
   * 777666
   * 3344
3. Can you explain in the numbers bellow If they are base8
   * 881234
   * 1976
   * 7654
   * 124567
   * 654ABCDEF
4. Convert base8 to base10
   * 777666
   * 56765
   * 0001001
   * 012345001
   * 7000000001
5. Convert base8 to base16
   * 77662233
   * 33441122
   * 0011001100
   * 1100220033
   * 1122334455667700
6. How many bytes with the number bellow (base8)
   * 71100777
   * 6000
   * 3000
   * 7654321
   * 6760000
7. We continue with 6 (1,2,3,4,5)
   * How many Kilobytes
   * How many Megabytes
   * How many Gigabytes
   * How many Gigabytes

1. Convert base2 to base8
   * 00000111100000
   * 11111111111111 • 10101010101010 • 10000000000000
   * 00000000000001
2. How many bits with base2
   * 100000000000001 • 000000000000000 • 101010101010101
   * 000000111111000
   * 0110011001000100
3. Can you explain in the numbers bellow If they are base2
   * 0001112222
   * ABC10DFE
   * 11111111
   * 00000000
   * 787665543210
4. Convert base2 to base10
   * 777666
   * 56765
   * 0001001
   * 012345001
   * 7000000001
5. Convert base2 to base16
   * 00010001000010010010011111 • 11111111111111111111111111
   * 10100010001001000010001000
   * 000000000000000000000000001
   * 100000000000000000000000000
6. How many bytes with the number bellow (base2)
   * 10000000000000000000 • 11111111111111111111
   * 00000000000000000001
   * 0000……….0000(length of number0 = 1024)
   * 1111……1111 (length of number1 = 1024/8)
7. We continue with 13 (1,2,3,4,5)
   * How many Kilobytes
   * How many Megabytes
   * How many Gigabytes
   * How many Gigabytes

1. Convert base10 to base2
   * 33
   * 129 • 140 • 678
   * 999
2. How many bits with base10
   * 33
   * 129 • 140 • 678
   * 999
3. Can you explain in the numbers bellow If they are base10
   * AB00011
   * D0
   * 0011
   * 000
   * F10A
4. Convert base10 to base8
   * 777666
   * 56765
   * 0001001
   * 012345001
   * 7000000001
5. Convert base10 to base16
   * 100
   * 200
   * 35
   * 77
   * 777
6. How many bytes with the number bellow (base10)
   * 100
   * 200
   * 90
   * 77
   * 777
7. We continue with 20(1,2,3,4,5)
   * How many Kilobytes
   * How many Megabytes
   * How many Gigabytes
   * How many Gigabytes
8. Convert base16 to base2
   * ABCDEF
   * 129 • 140 • 678
   * 999
9. How many bits with base16
   * D001
   * E002
   * C003
   * F0B
   * E0A
10. Can you explain in the numbers bellow If they are base10
    * ABG
    * DH
    * 0011
    * 000
    * F10A
11. Convert base16 to base8
    * 00011000
    * ABC002
    * 0001001
    * 012345001
    * 7000000001
12. Convert base16 to base10
    * 100
    * 200 • 35
    * 10B
    * ACDEFB
13. How many bytes with the number bellow (base16)
    * 100
    * 200
    * 90
    * 77F200
    * ACB10F
14. We continue with 27 (1,2,3,4,5)
    * How many Kilobytes
    * How many Megabytes
    * How many Gigabytes
    * How many Gigabytes

1. Operation on binary
   * + 1111111+1111111
     + 1111111+0001111+111111
     + 0011001+1100011+111100+0101011
     + 1000011011+10001110011+100011011+10001111
     + 1111111111+0011111111+11111111+111111+11111
     + 111+111+111+111+111+11+111+111+1111+111+111+111+111+111+111 • 1111-001
     + 111111-111-111
     + 111111-0011-1111-1111-1111-1111
     + 01111-00101-00011
     + 11111-01011-00101-00001
     + 11111111111111-11-11-11-11-11-11-11-11-11-11-11
     + 1111111111111-001-001-001-001-001
     + 100000000000000000-11-11-111-1111-11111-11111111
2. Bits and Bytes
   * + 1000bits = bytes?
     + 1000000bits = kilobytes?
     + 1024x1024bytes = megabyte?
     + 1gigabyte = megabyte? = kilobyte? = byte? = bits?
     + Terabyte = gigabyte? = megabyte? = kilobyte? = byte? = bits?
3. Convert base16 to base8
   * + 10000000001
     + 010101010100
     + 123456789ABCDEF
     + 1111111111111111
     + 998877665544332211
     + 1A2B3C4D5E6F789A
4. Convert base8 to base16
   * + 11111111111111111
     + 10000000000000000
     + 000000000000000011
     + 0222233334445556677
     + 1234567654321
5. Convert base2 to base 16
   * + 1111……111(length of number1=24)
     + 10000…….000(length of number0 = 40)
     + 111….111000…000(length of number 1 = 12 and number0 = 12)
6. Convert base2 to base 8
   * + 1111……111(length of number1=24)
     + 10000…….000(length of number0 = 30)
     + 111….111000…000(length of number 1 = 12 and number0 = 12)