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1.2

 $(1) (101011)_{2} = 1 \times 2^{6} + 1 \times 2^{5} = 107$ $(2) (121.01)_{3} = 1 \times 3^{5} + 2 \times 3' + 1 \times 3^{5} + 0 \times 3^{-1} + 1 \times 3^{-2} = 16.111$ $(3) (1)_{3} \cdot (4)_{5} = 1 \times 5^{2} + 2 \times 5' + 3 \times 5^{0} + 4 \times 5^{-1} = 38.8$ $(4) (67.34)_{8} = 6 \times 8' + 7 \times 8^{0} + 2 \times 8^{-1} + 4 \times 8^{-2} = 55.3125$ $(5) (2014.8)_{9} = 2 \times 9^{3} + 0 + 1 \times 9' + 4 \times 9^{0} + 8 \times 9^{-1} = 1471.889$ $(5) (2014.8)_{16} = 1 \times 16^{2} + 5 \times 16 + 12 \times 16^{0} + 3 \times 16^{-1} + 8 \times 16^{-2} = 348.21875$

1.3.

(2) 73.4 $73 = (1001001)_B$ $0.4 = (0.0110)_B$. $2.73.4 = (1001001.0110)_B$ $73 = (111)_0$ $0.4 = (0.3146)_0$ $73.4 = (111.3146)_0$ $73 = (49)_B$ $0.4 = (0.6666)_B$ $73.4 = (49.6666)_B$ (3) 2014.8 $2014 = (1111011110)_B$ $0.8 = (0.1100)_B$ $2014.8 = (1111011110.1100)_B$ $2014 = (3736)_0$ $0.8 = (0.6314)_0$ $2014.8 = (3736.6314)_0$ $2014 = (70E)_B$ $0.8 = (0.000)_B$ $2014.8 = (70E.0000)_B$

(11+1111 周3: 01111 孙码: 01111 汉昭: 01111 四-1111 原語: 11/11 1233: 10000 补码:10001 的+0000 周福: 00000 孙弼: 00000 友弱: 00000 4)-0000 原码: 10000 灰褐: 11111 补码 00000 (t) +1010 18.832 0/0/0 MR: 0/0/0 科郡 01010

No:

Date

161-1010 原昭:11010 原昭:10101 神福:10110

$$\frac{11}{44} = 0.171875 = 0.000|0|1.$$

1.12.

$$(1010111.01110101)_{BOD} = (57.75)_{10} = (10001010, 10101000) £3,63$$

= $(10111101.110|1011)_{2421} = (111001.11)_{2} = (100101, 00)_{Gray}$

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Date	

$$F = \overline{A}(\overline{B}+C) + \overline{A}(\overline{D}+\overline{E})$$

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