Comparch Horawork 3

1)
$$91_{10} + C6_{16}$$

10 11 0 11 $2 + 11000110_{2} \Rightarrow 101000001_{2} = 256 + 32 + 1 = 289_{10}$

2)
$$11_8 # 11_{10} = 001001_2 4 - 01011$$

$$\Rightarrow 001001_2 = (-11_0)$$

$$\Rightarrow 001001_2 + 110101_2 = 010_2 = 2$$
3) $12.3125_{10} + 0110$

3) 12.3125,0 + 01103222
$$\frac{00011000}{01100.0101}$$
 $\frac{11110}{1101.1101}$ $\frac{1}{1101.1101}$ $\frac{1}{1101.$

4) 5.
$$75_{10} - 7.125_{10}$$

0 101.11 $74a^{2} = 0111.601_{24a^{2}} = > + \frac{1000111}{1110101} = > 0001.011$

= 1000.111 $74a^{2} = 0001.011$
 $= 1000.111_{24a^{2}}$

6)
$$(-5_{10}) \cdot (-6_{0})$$
 to $(-5_{10}) \cdot (-6_{0})$ to $(-5_{10}) \cdot (-5_{10}) \cdot (-5_{10})$ to $(-5_{10}) \cdot (-5_{10}) \cdot (-5_{10}$

=1.375