**1)**

**5,111111111 da 10 a 9**

**5[10] = 5[9]**

**0,111111 = 1/9 = 9^-1 = 0,1[9]**

**5+0,1 = 5,1[9]**

**2)**

**complemento a 2 8 bit**

**n1 = 10110111**

**n2 = 11001100**

**n2-n1= n2+ (-n1)**

**-n1 = 10110111 – 1 = 10110110 = 01001001 = 64+8+1=73**

**11001100+**

**01001001=**

**100010101 overflow**

**4)**

**64GB = 2^36Byte= 2^39bit**

**5)**

**not(not(A) + not(B) + not(C ) ) \* not(A+not(C))**

**not(A) + not(B) + not(C ) = not(A\*B\*C)**

**not(A+not(C)) = not(A) \* C**

**not( not(A\*B\*C) ) \* not(A) \* C = A\*B\*C \* not(A)\*C**

**= A\*not(A) \* B \* C\*C = 0 \* B \* C = B\*C**

**9)**

**codice ripetizione tripla**

**cifre decimali**