(DEADBEEF)= (11011110101101101110111111)

2. a,

i.  $(264)_{10} = (0010 \text{ ollo} \text{ oloo})_{3(1)}$ ii.  $(361)_{10} = (0011 \text{ ollo} \text{ oool})_{3(1)}$ iii.  $(452)_{10} = (0100 \text{ ollo} \text{ oolo})_{3(1)}$ iv.  $(35)_{10} = (0011 \text{ ollo})_{3(1)}$ v.  $(481)_{10} = (0100 \text{ 1000 oool})_{3(1)}$ 3. a.  $\frac{i(6-5i)}{17} = 16+1 = (10001)_{2} \xrightarrow{\text{(isiet bitiet)}}$ 

 $\frac{i(6-bit)}{17 = 16 + 1} = (10001)_{2} \xrightarrow{\text{(sinet bitictleptim)}} (010001)_{2}$   $= \rangle -17 = \text{two's complement of } 17 = (101110)_{2} + (000001)_{2}$   $= (101111)_{2}$   $3 = 2+1 = (11)_{2} \xrightarrow{\text{(sinet bitictleptim)}} (011)_{2}$   $\frac{i(i(8-bit))}{101 = 64 + 32 + 4 + 1} = (1100101) \xrightarrow{\text{(1soret bitictleptim)}} (01100101)_{2}$  = (8-bit)  $89 = 64 + 16 + 8 + 1 = (1011001) \xrightarrow{\text{(1soret bitictleptim)}} (01100101)_{2}$   $= -89 = \text{two's complement of } 89 = (10100110)_{2} + (00000001)_{2}$   $= (10100111)_{2}$ 

b. 1011010001  $t = (1011)_2 = (8+2+1)_{10} = (11)_{10}$   $t = (11)_{10$ 

=) (2,75) = (10,11) 2

virgülden sonna 2 bit yerine 3 bit ile posterilise bu soyunun dejeninde bir dejişiklik olmaz.

$$0,875.2 = 1,75$$
  
 $0,75.2 = 1,5$   
 $0,5.2 = 1$   
 $(2)_{10} = (10)_{2}$ 

virgilden sonna 2 bit yenine 3 bit ile posterilise bu soya serçele deperine ubşın ve deperi (10,1111)2 olun.

=) (2,875)=(10,11)

Figer virpilden some 3 bit kullonmosset yukombli örnokte belirli bir mikterda