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Question 1:
                     a) 10011011_2 = \frac{128}{1} = \frac{64}{0} = \frac{32}{1} = \frac{16}{0} = \frac{8}{1} = \frac{4}{1} = \frac{21}{1} = \frac{1}{1} = \frac{
                                                                                                                           128+16+8+2+1= [155]
                      6) 1101101,=
                                                                                                                                                                                                                                                                                                                 64 32 16 8 4 2 1
                                                                                                                    64 + 32 + 8 + 4 + 1 = [109]
     c) 348_{16} = 8 \times 16^{\circ} + 10 \times 16^{1} + 3 \times 16^{2} = 936_{10}
   d) 2214 = 4 \times 5^{\circ} + (\times 5^{\circ} + 2 \times 5^{2} + 3 \times 5^{3} = 4 \times 5 + 50 + 250 = 309
Question 2:
                                                                                                                                                                                                             64 32 16 8 4 2 1
      a) 69 ==
    b) 485, = 256 128 64 32 16 8 4 2 1
                                                                                                                                                                                                                                 F 111100101
                                                                                                                                                                                                       A = \begin{cases} 8 & 4 & 2 & 1 \\ 6 & = & 0 & 1 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 \\ 1 & = & 0 & 1 & 0 
c) 6D1A =
                                                                                                                                                                                                                                                                  1=0001 A=8421
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