Binary Math Practice

1. Convert the following decimal numbers into binary
   1. 76 = 0100 1100
   2. 156 = 1001 1100
   3. 95 = 0100 1100
   4. 5 = 0101
   5. 228 = 1110 0100
2. Find the Sum of the following binary numbers
   1. 0010 + 0011 = 0101
   2. 0001 + 0011 = 0100
   3. 1010 + 0011 = 1101
   4. 0010 0100 + 0001 0101 = 0011 1010
   5. 1010 1010 + 0101 0101 = 1111 1111
3. Convert the following positive binary numbers into negative binary numbers using Two’s complement
   1. 0000 0101
   2. 0000 1010
   3. 0000 1111
   4. 0000 1001
4. Convert the following negative binary numbers into positive binary number’s using Two’s complement
   1. 1111 1110
   2. 1111 0000
   3. 1100 1110