2.

$756 \div 2 = 0$

$378 \div 2 = 0$

$189 \div 2 = 1$

$94 \div 2 = 0$

$47 \div 2 = 1$

$23 \div 2 = 1$

$11 \div 2 = 1$

$5 \div 2 = 1$

$2 \div 2 = 0$

$Residuo = 1$

$R//\ El\ binario\ de\ 756\ es\ 1011110100$

3.

101101110110

$2^3 2^2 2^1 2^0 \quad 2^3 2^2 2^1 2^0 \quad 2^3 2^2 2^1 2^0$

1 0 1 1 0 1 1 1 0 1 1 0

8 0 2 1 0 4 2 1 0 4 2 0

B 7 6

$R//\ 101101110110 = B76$

5.

$19F$

$Binario = 000110011111$

$1 = 0001$ $Decimal = 415$

$9 = 1001$

$F = 1111$