

1.) q_{10} + C_{616}

$CH + 16 + 8 + 2 + 1$
 so 6 wt 1

6
 ↓
 0110
 48

$$\begin{array}{r} 001011011 \quad \checkmark = uq \\ \oplus 11070110 \quad = uq \\ \hline 100110001 \quad = uq. \end{array}$$

$$100110001 = 49.$$

$$2SL + 32 + 16 = 1$$

288 \rightarrow 304 \rightarrow 305

305

2) $11_8 - 11_{10}$

0000001

Signed 86.4

Sized 46L ✓

00001011 → 11 8.3.2016

11 1 10 101 \rightarrow 10100101

06001001

11 1 06 1 01

$\begin{array}{r} 16 \\ 10 \\ \hline \end{array}$
 $\begin{array}{l} -1 = \text{moss} \\ -2 = \text{moss} \end{array}$

-2

3) $12, 31, 25, 10$ и $0110, 10101, 10101$

$$01100.0101 + 000011600$$

ISQ4 ISQ4'

01100.0101 JISQ4

80001, 10000 L

01701.1101 7ISQ4

13.8125 dec, val.

4.) 5.7%

00101, 11000

$I_3 QS$

00101, 11000

41000.11100

11101010

$$= \frac{-44}{2}$$

$$-1.375_{10}$$

5) $9_{10} \cdot 3_{10}$

$$(101)_{u2} = (011)_{u2}$$

101
011

101
161

606

0111

$$0.111 = US$$

$$= 27_{10}$$

6.) $-5_{10}, -6_{16} \rightarrow$

100YV • 11 DIO

A handwritten binary code for the word "LOVE". The letters are represented by rows of 0s and 1s, with horizontal lines separating the rows.

01110
Signed 654
 $10+8+4+2 = 30_{10}$

$$10 + 8 + 4 + 2 = \boxed{30_{10}}$$

地

U4Q3

V4Q3

4726

24. a375₁₀

3510

04.10

I3Q2

1864

$$\frac{-70}{24} = -4.375_{10}$$

$$-4.375_{10}$$