

Guilherme Rodrigues Almeida Rosa

1- 11000; 10000111; 10010111;

$$\begin{array}{r}
 11000 \\
 + 1101 \\
 \hline
 11000
 \end{array}
 \quad
 \begin{array}{r}
 100001100 \\
 + 111011 \\
 \hline
 10000111
 \end{array}
 \quad
 \begin{array}{r}
 100101100 \\
 + 00111011 \\
 \hline
 10010111
 \end{array}$$

2- 0100

$$\begin{array}{r}
 0100 \\
 + 0110 \\
 \hline
 0100
 \end{array}$$

3- 19₍₁₀₎

16	8	4	2	1	= 19 ₁₀
1	0	0	1	1	

4- 10101

$$\begin{array}{r}
 10101 \\
 + 1110 \\
 \hline
 10101
 \end{array}$$

5- 0010

$$\begin{array}{r}
 0010 \\
 + 0111 \\
 \hline
 0010
 \end{array}$$

6- 11001₍₂₎

32	16	8	4	2	1	= 11001 ₍₂₎
0	1	1	0	0	1	

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7-1111

$$\begin{array}{r} 1110 \\ + 101 \\ + 100 \\ \hline 1111 \end{array}$$

8-01101

$$\begin{array}{r} 11000 \\ - 1011 \\ \hline 01101 \end{array}$$

9-45₍₁₀₎

32	16	8	4	2	1	=	45 ₍₁₀₎
1	0	1	1	0	1		

10-12₍₁₀₎

$$\begin{array}{r} 111 \\ + 101 \\ \hline 1100 \end{array}$$

8	4	2	1	=	12 ₍₁₀₎
1	1	0	0		

1	5	1	8	3	2	=	11010
1	0	0	1	1	0		