

$$\begin{array}{r}
 111 \\
 101 \\
 + 011 \\
 \hline
 1000
 \end{array}$$

$$\begin{array}{r}
 010 \\
 1010 \\
 111 \\
 \hline
 1011
 \end{array}$$

$$\begin{array}{r}
 111 \\
 110 \\
 \hline
 1101
 \end{array}$$

$$\begin{array}{r}
 0100111 \\
 + 1 \\
 \hline
 0101000
 \end{array}$$

$$\begin{array}{r}
 010 \\
 110 \\
 - 101 \\
 \hline
 001
 \end{array}$$

$$\begin{array}{r}
 - \quad 64 \quad 32 \quad 16 \quad 8 \quad 4 \quad 2 \quad 1 \\
 1 \quad 1 \quad 0 \quad 0 \quad 1 \quad 0 \quad 0 \quad 0
 \end{array}$$

$$\begin{array}{r}
 00110111 \\
 + 1 \\
 \hline
 00111000
 \end{array}$$

$$\begin{array}{r}
 - \quad 64 \quad 32 \quad 16 \quad 8 \quad 4 \quad 2 \quad 1 \\
 0 \quad 1 \quad 1 \quad 0 \quad 0 \quad 1 \quad 0 \quad 1
 \end{array}$$

-	64	32	16	8	4	2	1	
1	0	0	1	1	0	0	1	= -25
0	1	1	1	0	1	0	0	= +16

$$34 / 2 = 17 \quad 0$$

$$17 / 2 = 8 \quad 1$$

$$8 / 2 = 4 \quad 0$$

$$4 / 2 = 2 \quad 0$$

$$2 / 2 = 1 \quad 0$$

$$1 / 2 = 0 \quad 1$$

100010

$$40/2 = 20 \quad 0$$

$$20/2 = 10 \quad 0$$

$$10/2 = 5 \quad 0$$

$$5/2 = 2 \quad 1$$

$$2/2 = 1 \quad 0$$

$$1/2 = 0 \quad 1$$

101000