

Monday, March 02, 2009

complement addition = 1/3 comp + 1

$$\frac{+5}{+2} \Rightarrow \frac{000}{+000}$$

$$\frac{(-5)}{(-3)} + \frac{(01)}{(-3)} + \frac{(01)}{(-3)$$

$$\frac{(+5)}{+(-2)} = \frac{0001}{+0011}$$

$$(-2) \Rightarrow 1011$$

$$+(-2) \Rightarrow 1110$$

$$-7 \qquad 11001$$

$$4 \qquad bit mative$$

Monday, March 02, 2009 1:12 PM 2'5 comp

$$\frac{(+5)}{-(+2)}$$

$$(+5)$$
 $+(-2)$
 $+3$

$$\frac{(-5)}{-(+2)}$$

$$\begin{array}{c} (-5) \\ + (-2) \\ \hline -7 \end{array}$$

$$\frac{(+5)}{-(-2)}$$

$$= \frac{(+5)}{+(+2)}$$

$$\frac{(-5)}{-3}$$

$$\begin{array}{c} (-5) \\ +(2) \\ \hline -3 \end{array}$$





