COMPARCH HW03

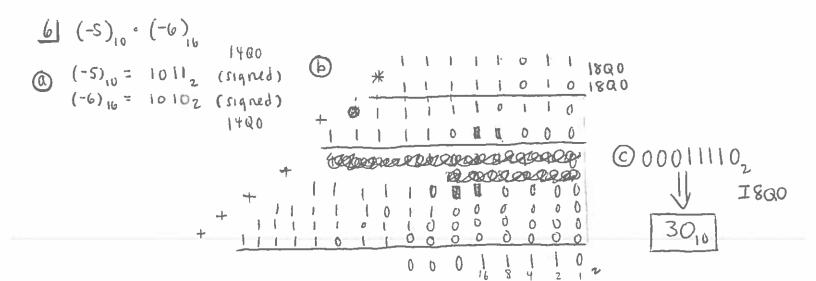
JENNIFER WE!

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$$\begin{array}{c} 4 \mid 5.75 \mid -7.125 \mid 0 \\ \hline (0) \mid 5.75 \mid = 0 \mid 0 \mid 0 \mid 1 \mid 0 \mid 0 \mid 1 \\ \hline -7.125 \mid = -(7.125 \mid 0) = -(0 \mid 1 \mid 1.00 \mid 1) \Rightarrow 1000.110 + 1 \\ \hline (0) \mid 0 \mid 0 \mid 1 \mid 0 \\ \hline \hline 1 \mid 1 \mid 0 \mid 0 \mid 0 \mid 1 \\ \hline \hline 1 \mid 1 \mid 0 \mid 0 \mid 0 \mid 1 \\ \hline \hline \text{negative} \\ \hline 0 \mid 0 \mid 1 \mid 0 \mid 1 \\ \hline \end{array}$$

$$\begin{array}{c} 1110.1012 \\ \hline 1110.1012 \\ \hline \end{array}$$

$$\begin{array}{c} 11403 \\ \hline \end{array}$$



(a)
$$(-1.25)_{10} = -(1.25_{10}) = -(01.01) = 10.10 + 1 = 10.11_2 1202$$

 $3.5_{10} = 011.1_2 = 011.10_2 I302$

EXPECTIVEGORG

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